

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: September 29, 2005, 09:09:14 ; Search time 19.3133 Seconds
(without alignments)
483.145 Million cell updates/sec

Title: US-10-041-860-48

Perfect score: 672

Sequence: 1 QVQLVQSGAEVKFPGASVKV.....YDYYGMDVWGQGTIVTVSS 125

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 200 summaries

Database : Issued Patents AA:*

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3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:*

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5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*

6: /cgn2_6/ptodata/1/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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4	541.5	80.6	120	4	US-09-490-070A-59 Sequence 59, Appl
5	541.5	80.6	120	4	US-09-490-153-36 Sequence 36, Appl
6	541.5	80.6	120	4	US-09-490-153-59 Sequence 59, Appl
7	541.5	80.6	120	4	US-09-490-324-36 Sequence 36, Appl
8	541.5	80.6	120	4	US-09-490-324-59 Sequence 59, Appl
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ALIGNMENTS

US-09-025-769B-36
; Sequence 36, Application US/09025769B
; Patent No. 6300064
; GENERAL INFORMATION:
; APPLICANT: Knappik, Achim
; APPLICANT: Pack, Peter
; APPLICANT: Ilag, Vic
; APPLICANT: Ge, Liming
; APPLICANT: Moroney, Simon
; APPLICANT: Plueckthun, Andreas
; TITLE OF INVENTION: Protein/(Poly)peptide libraries
; NUMBER OF SEQUENCES: 373
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave
; STREET: 1251 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10021
COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/025,769B
; FILING DATE: 18-FEB-1998
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: EP 95 11 3021.0
; FILING DATE: 18-AUG-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: James F. Haley, Jr., Esq.
; REGISTRATION NUMBER: 27,794
; REFERENCE/DOCKET NUMBER: MORPHO/5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)596-9000
; TELEFAX: (212)596-9090
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 120 amino acids

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; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-025-769B-36

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RESULT 3
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; Sequence 36, Application US/09490070A
; Patent No. 6696248
; GENERAL INFORMATION:
; APPLICANT: Knappik, Achim
; APPLICANT: Pack, Peter
; APPLICANT: Ilag, Vic
; APPLICANT: Ge, Liming
; APPLICANT: Moroney, Simon
; TITLE OF INVENTION: Protein/(Poly)peptide libraries
; NUMBER OF SEQUENCES: 373
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Colin G. Sandercock, Esq. c/o Heller Ehrman
; WHITE & McAlliff
; STREET: 1666 K Street, N.W., Suite 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20006
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/490,070A
; FILING DATE: 24-Jan-2000
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 95 11 3021.0
; FILING DATE: 18-AUG-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Colin G. Sandercock, Esq.
; REGISTRATION NUMBER: 31,298
; REFERENCE/DOCKET NUMBER: 37629-0005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 912-2000
; TELEFAX: (202) 912-2020
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 120 amino acids
; TYPE: amino acid
; STRANDEDNESS: <Unknown>
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 36:
US-09-490-070A-36

Query Match      80.6%; Score 541.5; DB 4; Length 120;
Best Local Similarity 84.0%; Pred. No. 2.4e-44;
Matches 105; Conservative 5; Mismatches 10; Indels 5; Gaps 1;

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RESULT 3
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; Sequence 59, Application US/09025769B
; Patent No. 6300064
; GENERAL INFORMATION:
; APPLICANT: Knappik, Achim
; APPLICANT: Pack, Peter
; APPLICANT: Ilag, Vic
; APPLICANT: Ge, Liming
; APPLICANT: Moroney, Simon
; TITLE OF INVENTION: Protein/(Poly)peptide libraries
; NUMBER OF SEQUENCES: 373
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave
; STREET: 1251 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10021
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/025,769B
; FILING DATE: 18-FEB-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 95 11 3021.0
; FILING DATE: 18-AUG-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: James F. Haley, Jr., Esq.
; REGISTRATION NUMBER: 27,794
; REFERENCE/DOCKET NUMBER: MORPHO/5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)596-9000
; TELEFAX: (212)596-9090
; INFORMATION FOR SEQ ID NO: 59:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 120 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-025-769B-59

Query Match      80.6%; Score 541.5; DB 3; Length 120;
Best Local Similarity 84.0%; Pred. No. 2.4e-44;
Matches 105; Conservative 5; Mismatches 10; Indels 5; Gaps 1;

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RESULT 4

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; Sequence 59, Application US/09490070A
; Patent No. 6696248

GENERAL INFORMATION:

APPLICANT: Knappik, Achim

Pack, Peter

Ilag, Vic

Ge, Liming

Moroney, Simon

Plueckthun, Andreas

TITLE OF INVENTION: Protein/(Poly)peptide libraries

NUMBER OF SEQUENCES: 373

CORRESPONDENCE ADDRESS:

ADDRESSEE: Colin G. Sandercock, Esq. c/o Heller Ehrman

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CITY: Washington

STATE: D.C.

COUNTRY: USA

ZIP: 20006

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/490,070A

FILING DATE: 24-Jan-2000

PRIOR APPLICATION DATA:

APPLICATION NUMBER: EP 95 11 3021.0

FILING DATE: 18-AUG-1995

ATTORNEY/AGENT INFORMATION:

NAME: Colin G. Sandercock, Esq.

REGISTRATION NUMBER: 31,298

REFERENCE/DOCKET NUMBER: 37629-0005

TELECOMMUNICATION INFORMATION:

TELEPHONE: (202) 912-2000

TELEFAX: (202) 912-2020

INFORMATION FOR SEQ ID NO: 59:

SEQUENCE DESCRIPTION: SEQ ID NO: 59:

US-09-490-070A-59

Query Match 80.6%; Score 541.5; DB 4; Length 120;

Best Local Similarity 84.0%; Pred. No. 2.4e-44;

Matches 105; Conservative 5; Mismatches 10; Indels 5; Gaps 1;

QY 1 QVQLVQSGAEVKPKGASVKVSKASGYTFTSYDINVRQATGQGLEWMGWINPNSGNTDY 60

Db 1 QVQLVQSGAEVKPKGASVKVSKASGYTFTSYDINVRQATGQGLEWMGWINPNSGNTDY 60

QY 61 AQKFGQRTVMTDRTSISTAYMELSLRSEDTAIYYCVRGFGYSYNDYYGMDVWGQGT 120

Db 61 AQKFGQRTVMTDRTSISTAYMELSLRSEDTAIYYCVRGFGYSYNDYYGMDVWGQGT 120

QY 121 VTVSS 125

Db 116 VTVSS 120

RESULT 5

US-09-490-153-36

; Sequence 36, Application US/09490153

; Patent No. 6706484

GENERAL INFORMATION:

APPLICANT: Knappik, Achim

Pack, Peter

Ilag, Vic

Ge, Liming

Moroney, Simon

Plueckthun, Andreas

TITLE OF INVENTION: Protein/(poly)peptide libraries

NUMBER OF SEQUENCES: 373

CORRESPONDENCE ADDRESS:

ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave

STREET: 1251 Avenue of the Americas

CITY: New York

STATE: New York

COUNTRY: USA

ZIP: 10021

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/490,153

FILING DATE: 24-Jan-2000

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/09/035,769B

FILING DATE: 18-FEB-1998

APPLICATION NUMBER: EP 95 11 3021.0

FILING DATE: 18-AUG-1995

ATTORNEY/AGENT INFORMATION:

NAME: James F. Haley, Jr., Esq.

REGISTRATION NUMBER: 27,794

REFERENCE/DOCKET NUMBER: MORPHO/5

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 596-9000

TELEFAX: (212) 596-9090

INFORMATION FOR SEQ ID NO: 36:

SEQUENCE CHARACTERISTICS:

LENGTH: 120 amino acids

TYPE: amino acid

STRANDEDNESS: <Unknown>

TOPOLOGY: linear

MOLECULE TYPE: protein

SEQUENCE DESCRIPTION: SEQ ID NO: 36:

US-09-490-153-36

Query Match 80.6%; Score 541.5; DB 4; Length 120;

Best Local Similarity 84.0%; Pred. No. 2.4e-44;

Matches 105; Conservative 5; Mismatches 10; Indels 5; Gaps 1;

QY 1 QVQLVQSGAEVKPKGASVKVSKASGYTFTSYDINVRQATGQGLEWMGWINPNSGNTDY 60

Db 1 QVQLVQSGAEVKPKGASVKVSKASGYTFTSYDINVRQATGQGLEWMGWINPNSGNTDY 60

QY 61 AQKFGQRTVMTDRTSISTAYMELSLRSEDTAIYYCVRGFGYSYNDYYGMDVWGQGT 120

Db 61 AQKFGQRTVMTDRTSISTAYMELSLRSEDTAIYYCVRGFGYSYNDYYGMDVWGQGT 120

QY 121 VTVSS 125

Db 116 VTVSS 120

RESULT 6

US-09-490-153-59

; Sequence 59, Application US/09490153

; Patent No. 6706484

GENERAL INFORMATION:

APPLICANT: Knappik, Achim

Pack, Peter

Ilag, Vic

Ge, Liming
Moroney, Simon
Flueckthun, Andreas
TITLE OF INVENTION: Protein/(Poly)peptide libraries
NUMBER OF SEQUENCES: 373
CORRESPONDENCE ADDRESS:
ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave
STREET: 1251 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10021

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)

CONSENT: 18-FEB-1998
 APPLICATION NUMBER: US/09/490,153
 FILING DATE: 24-Jan-2000
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/09/025,769B
 FILING DATE: 18-FEB-1998
 APPLICATION NUMBER: EP 95 11 3021.0
 FILING DATE: 18-AUG-1995

ATTORNEY/AGENT INFORMATION:
NAME: James F. Haley, Jr., Esq.
REGISTRATION NUMBER: 27,794
REFERENCE/DOCKET NUMBER: MORPHO/5
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)596-9000
TELEFAX: (212)596-9090

```

/ LENGTH: 120 amino acids
/ TYPE: amino acid
/ TOPOLOGY: linear
/ MOLECULE TYPE: protein
/ SEQUENCE DESCRIPTION: SEQ ID NO: 59:
US-09-490-153-59

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[illegible]

RESULT 7
US-09-490-324-36
; Sequence 36, Application US/09490324
; Patent No. 6828422

NO. 68284.22
 SERIAL INFORMATION:
 APPLICANT: Knappik, Achim
 Pack, Peter
 Ilag, Vic
 Ge, Liming
 Moroney, Simon
 Plueckthun, Andreas
 TITLE OF INVENTION: Protein/(Poly)peptide libraries
 NUMBER OF SEQUENCES: 373
 CORRESPONDENCE ADDRESS:
 ADDRESS: James F. Halev. Jr., Esq. c/o Fish & Neave

STREET: 1251 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10021

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION DATA:

CURRENT APPLICATION: US/09/490.324
 FILING DATE: 24-Jan-2000
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US/09/025.769
 FILING DATE: 18-FEB-1998
 APPLICATION NUMBER: EP 95 11 3021.0
 FILING DATE: 18-AUG-1995

ATTORNEY/AGENT INFORMATION:
NAME: James F. Haley, Jr., Esq.
REGISTRATION NUMBER: 27,794
REFERENCE/DOCKET NUMBER: MORPHO/5
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)596-9000
TELEFAX: (212)596-9090
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 120 amino acids
TYPE: amino acid
STRANDEDNESS: <Unknown>
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 36:
US-09-490-324-36

Query Match 80.6%; Score 541.5; DB 4; Length 120;
Best Local Similarity 84.0%; Pred. No. 2.4e-44;
Matches 105; Conservative 5; Mismatches 10; Indels 5

Qy	61	AQKPGRVMTTRDTSISLAYMELSSLSSEDTAIYVCVRGFGYSNVNDYYGMVDWGCGTT	120
Dδ	61	AQKPGRVMTTRDTSISLAYMELSSLSSEDTAVIYCARGG-----DGFYANDYWGGTL	115
Qy	121	VTVSS	125
Dδ	116	VTVSS	120

RESULT 8
US-09-490-324-59
; Sequence 59, Application US/09490324
; Patent No. 6828422
; GENERAL INFORMATION:
; APPLICANT: Knappik, Achim

Pluckethun, Andreas
 TITLE OF INVENTION: Protein/(Poly)peptide libraries
 NUMBER OF SEQUENCES: 373
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave
 STREET: 1251 Avenue of the Americas
 CITY: New York
 STATE: New York
 COUNTRY: USA
 ZIP: 10021
 COMPUTER READABLE FORM:

```
;
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/490,324
; FILING DATE: 24-Jan-2000
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/025,769
; FILING DATE: 18-FEB-1998
; APPLICATION NUMBER: EP 95 11 3021.0
; FILING DATE: 18-AUG-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: James F. Haley, Jr., Esq.
; REGISTRATION NUMBER: 27,794
; REFERENCE/DOCKET NUMBER: MORPHO/5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)596-9000
; TELEFAX: (212)596-9090
; INFORMATION FOR SEQ ID NO: 59:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 120 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 59:
US-09-490-324-59

Query Match      80.6%; Score 541.5; DB 4; Length 120;
Best Local Similarity 84.0%; Pred. No. 2.4e-44;
Matches 105; Conservative 5; Mismatches 10; Indels 5; Gaps 1;

QY 1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINNVROATCGGLEWGWINPNSGNTDY 60
DB 1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINNVROATCGGLEWGWINPNSGNTDY 60
QY 61 AQKFGQVRVMTTRDTSISTAYMELSLRSRSEDTAIYYCVRGFGYSYNYDYGGMDVWGQGT 120
DB 61 AQKFGQVRVMTTRDTSISTAYMELSLRSRSEDTAIYYCVRGFGYSYNYDYGGMDVWGQGT 115
QY 121 VTVSS 125
DB 116 VTVSS 120

RESULT 9
US-09-025-769B-22
; Sequence 22, Application US/09025769B
; Patent No. 630064
; GENERAL INFORMATION:
; APPLICANT: Knappik, Achim
; APPLICANT: Pack, Peter
; APPLICANT: Ilag, Vic
; APPLICANT: Ge, Liming
; APPLICANT: Moroney, Simon
; APPLICANT: Plueckthun, Andreas
; TITLE OF INVENTION: Protein/(Poly)peptide libraries
; NUMBER OF SEQUENCES: 373
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave
; STREET: 1251 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10021
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/025,769B
; FILING DATE: 18-FEB-1998
```

```
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 95 11 3021.0
; FILING DATE: 18-AUG-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: James F. Haley, Jr., Esq.
; REGISTRATION NUMBER: 27,794
; REFERENCE/DOCKET NUMBER: MORPHO/5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)596-9000
; TELEFAX: (212)596-9090
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 117 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-09-025-769B-22

Query Match      78.6%; Score 528; DB 3; Length 117;
Best Local Similarity 82.5%; Pred. No. 4.4e-43;
Matches 104; Conservative 5; Mismatches 7; Indels 10; Gaps 2;

QY 1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINNVROATCGGLEWGWINPNSGNTDY 60
DB 1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINNVROATCGGLEWGWINPNSGNTDY 60
QY 61 AQKFGQVRVMTTRDTSISTAYMELSLRSRSEDTAIYYCVR-GFGYSYNYDYGGMDVWGQGT 119
DB 61 AQKFGQVRVMTTRDTSISTAYMELSLRSRSDTAIYYCARDGDG-----GFDYWGQGT 111
QY 120 VTVSS 125
DB 112 VTVSS 117

RESULT 10
US-09-490-070A-22
; Sequence 22, Application US/09490070A
; Patent No. 6696248
; GENERAL INFORMATION:
; APPLICANT: Knappik, Achim
; APPLICANT: Pack, Peter
; APPLICANT: Ilag, Vic
; APPLICANT: Ge, Liming
; APPLICANT: Moroney, Simon
; APPLICANT: Plueckthun, Andreas
; TITLE OF INVENTION: Protein/(Poly)peptide libraries
; NUMBER OF SEQUENCES: 373
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Colin G. Sandercock, Esq. c/o Heller Ehrman
; STREET: 1666 K Street, N.W., Suite 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20006
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/490,070A
; FILING DATE: 24-Jan-2000
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 95 11 3021.0
; FILING DATE: 18-AUG-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Colin G. Sandercock, Esq.
; REGISTRATION NUMBER: 31,298
; REFERENCE/DOCKET NUMBER: 37629-0005
; TELECOMMUNICATION INFORMATION:
```

```

;
; TELEPHONE: (202) 912-2000
; TELEFAX: (202) 912-2020
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 117 amino acids
; TYPE: amino acid
; STRANDEDNESS: <Unknown>
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 22:
US-09-490-070A-22

Query Match 78.6%; Score 528; DB 4; Length 117;
Best Local Similarity 82.5%; Pred. No. 4.4e-43;
Matches 104; Conservative 5; Mismatches 7; Indels 10; Gaps 2;

QY 1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSVDINWVROATCGGLEWGWINPNSGNTDY 60
Db 1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYMHVVRQAPGQGLEWGWINPNSGNTNY 60
QY 61 AOKFQGRVTMTDTSISTAYMELSLRSRSDTAIYYCVR-GFGYSYNDYYGMDVMGQGT 119
Db 61 AOKFQGRVTMTDTSISTAYMELSLRSRSDTAIYYCVR-GFGYSYNDYYGMDVMGQGT 119
QY 120 TVTVSS 125
Db 112 LTVVSS 117

RESULT 11
US-09-490-153-22
; Sequence 22, Application US/09490153
; Patent No. 6706484
; GENERAL INFORMATION:
; APPLICANT: Knappik, Achim
; Pack, Peter
; Ilag, Vic
; Ge, Liming
; Moroney, Simon
; Plueckthun, Andreas
; TITLE OF INVENTION: Protein/(Poly)peptide libraries
; NUMBER OF SEQUENCES: 373
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave
; STREET: 1251 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10021
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30 (BPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/490,153
; FILING DATE: 24-Jan-2000
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/025,769B
; FILING DATE: 18-FEB-1998
; APPLICATION NUMBER: EP 95 11 3021.0
; FILING DATE: 18-AUG-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: James F. Haley, Jr., Esq.
; REGISTRATION NUMBER: 27,794
; REFERENCE/DOCKET NUMBER: MORPHO/5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)596-9000
; TELEFAX: (212)596-9090
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 117 amino acids
; TYPE: amino acid
; STRANDEDNESS: <Unknown>
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 22:
US-09-490-070A-22
```

```

;
; STRANDEDNESS: <Unknown>
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 22:
US-09-490-153-22

Query Match 78.6%; Score 528; DB 4; Length 117;
Best Local Similarity 82.5%; Pred. No. 4.4e-43;
Matches 104; Conservative 5; Mismatches 7; Indels 10; Gaps 2;

QY 1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSVDINWVROATCGGLEWGWINPNSGNTDY 60
Db 1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYMHVVRQAPGQGLEWGWINPNSGNTNY 60
QY 61 AOKFQGRVTMTDTSISTAYMELSLRSRSDTAIYYCVR-GFGYSYNDYYGMDVMGQGT 119
Db 61 AOKFQGRVTMTDTSISTAYMELSLRSRSDTAIYYCVR-GFGYSYNDYYGMDVMGQGT 119
QY 120 TVTVSS 125
Db 112 LTVVSS 117

RESULT 12
US-09-490-324-22
; Sequence 22, Application US/09490324
; Patent No. 6828422
; GENERAL INFORMATION:
; APPLICANT: Knappik, Achim
; Pack, Peter
; Ilag, Vic
; Ge, Liming
; Moroney, Simon
; Plueckthun, Andreas
; TITLE OF INVENTION: Protein/(Poly)peptide libraries
; NUMBER OF SEQUENCES: 373
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave
; STREET: 1251 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10021
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30 (BPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/490,324
; FILING DATE: 24-Jan-2000
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/025,769
; FILING DATE: 18-FEB-1998
; APPLICATION NUMBER: EP 95 11 3021.0
; FILING DATE: 18-AUG-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: James F. Haley, Jr., Esq.
; REGISTRATION NUMBER: 27,794
; REFERENCE/DOCKET NUMBER: MORPHO/5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)596-9000
; TELEFAX: (212)596-9090
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 117 amino acids
; TYPE: amino acid
; STRANDEDNESS: <Unknown>
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 22:
US-09-490-324-22
```

Query Match 78.6%; Score 528; DB 4; Length 117;
 Best Local Similarity 82.5%; Pred. No. 4.4e-43;
 Matches 104; Conservative 5; Mismatches 7; Indels 10; Gaps 2;
 QY 1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATGQGLEWGWINPNSGNTDY 60
 Db 1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATGQGLEWGWINPNSGNTNY 60
 QY 61 AQKFGQGRVTMTDTSISTAYMELSLRSEDTAIYYCVR-GFGYSYNDYYGMDVWGQGT 119
 Db 61 AQKFGQGRVTMTDTSISTAYMELSLRSDDTAVYICARDGDG-----GFDYWGQGT 111
 QY 120 TVTVSS 125
 Db 112 LTVSS 117

RESULT 13
 US-09-859-053-28
 ; Sequence 28, Application US/09859053
 ; Patent No. 6803039
 ; GENERAL INFORMATION:
 ; APPLICANT: Tsuji, Takashi
 ; APPLICANT: Tezuka, Katsumari
 ; APPLICANT: Hori, No. 6803039uaki
 ; TITLE OF INVENTION: HUMAN MONOCLONAL ANTIBODY AGAINST A
 ; TITLE OF INVENTION: COSTIMULATORY SIGNAL TRANSDUCTION MOLECULE AILIM AND
 ; FILE REFERENCE: 06501-079001
 ; CURRENT APPLICATION NUMBER: US/09/859,053
 ; CURRENT FILING DATE: 2001-05-16
 ; PRIOR APPLICATION NUMBER: JP 2001-99508
 ; PRIOR FILING DATE: 2001-03-30
 ; PRIOR APPLICATION NUMBER: JP 2000-147116
 ; PRIOR FILING DATE: 2000-05-18
 ; NUMBER OF SEQ ID NOS: 43
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 28
 ; LENGTH: 470
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-09-859-053-28

Query Match 78.3%; Score 526; DB 4; Length 470;
 Best Local Similarity 79.2%; Pred. No. 3.3e-42;
 Matches 99; Conservative 10; Mismatches 16; Indels 0; Gaps 0;
 QY 1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATGQGLEWGWINPNSGNTDY 60
 Db 20 QVQLVQSGAEVKKPGASVKVSCKASGYTFTGYMHVVRQAPGQGLEWGWINPHSGTNY 79
 QY 61 AQKFGQGRVTMTDTSISTAYMELSLRSEDTAIYYCVRFGYSYNDYYGMDVWGQGT 120
 Db 80 AQKFGQGRVTMTDTSISTAYMELSLRSDDTAVYICARTYYDSSGYHDAFDIWQGT 139
 QY 121 TVTVSS 125
 Db 140 TVTVSS 144

RESULT 14
 US-09-199-149-3
 ; Sequence 3, Application US/09199149
 ; Patent No. 6160099
 ; GENERAL INFORMATION:
 ; APPLICANT: Jonak, Zdenka L.
 ; APPLICANT: Taylor, Alexander H.
 ; APPLICANT: Trull Jr., Stephen H.
 ; APPLICANT: Johanson, Kyung O.
 ; TITLE OF INVENTION: Humanized Monoclonal Antibodies
 ; FILE REFERENCE: P50860
 ; CURRENT APPLICATION NUMBER: US/09/199,149
 ; CURRENT FILING DATE: 1998-11-24

; NUMBER OF SEQ ID NOS: 37
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 3
 ; LENGTH: 125
 ; TYPE: PRT
 ; ORGANISM: Kabat VH subgroup I
 US-09-199-149-3
 Query Match 76.3%; Score 513; DB 3; Length 125;
 Best Local Similarity 80.6%; Pred. No. 1.3e-41;
 Matches 104; Conservative 8; Mismatches 9; Indels 8; Gaps 5;
 QY 1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATGQGLEWGWINPNSGNTDY 60
 Db 1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYAISWVRQAPGQGLEWGWINP-CGDINY 59
 QY 61 AQKFGQGRVTMTDTSISTAYMELSLRSEDTAIYYCVR-GFGYS---YNYDYIYGMVWG 116
 Db 60 AQKFGQGRVTITADTSTSTAYMELSLRSEDTAIYYCARPGYGYGGGCGY-WYWG--VMG 116
 QY 117 QGTLTVSS 125
 Db 117 QGTLTVSS 125

RESULT 15
 US-08-202-047-22
 ; Sequence 22, Application US/08202047
 ; Patent No. 5800815
 ; GENERAL INFORMATION:
 ; APPLICANT: CHESNUT, Robert W.
 ; APPLICANT: POLLEY, Margaret J.
 ; APPLICANT: PAULSON, James C.
 ; APPLICANT: JONES, S. Tarran
 ; APPLICANT: SALDANHA, Jose W.
 ; APPLICANT: BENDIG, Mary M.
 ; TITLE OF INVENTION: Antibodies to P-Selectin and Their Uses
 ; NUMBER OF SEQUENCES: 45
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Townsend and Townsend Kourie and Crew
 ; STREET: One Market Plaza, Steuart Tower, Suite 2000
 ; CITY: San Francisco
 ; STATE: California
 ; COUNTRY: USA
 ; ZIP: 94105
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC Compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/202,047
 ; FILING DATE: 25-FEB-1994
 ; CLASSIFICATION: 424
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Smith, William M.
 ; REGISTRATION NUMBER: 30,223
 ; REFERENCE/DOCKET NUMBER: 14137-77
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 415-326-2400
 ; TELEFAX: 415-326-2422
 ; INFORMATION FOR SEQ ID NO: 22:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 128 amino acids
 ; TYPE: amino acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: protein
 ; FEATURE:
 ; NAME/KEY: Protein
 ; LOCATION: 1..128
 ; OTHER INFORMATION: /label= HUMAN_I
 US-08-202-047-22

Query Match	76.0%;	Score 510.5;	DB 1;	Length 128;
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Db	1	QVQLVQSGAEVKPGASVKVSCKASGYTFTSYAISWVRQAPGQGLEWMGWINPYGNGDTN		60
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Db	61	YAKQFGQVRITADTSISTAYMELSSLRSEDTAVYYCARAPGYGSGGGCYRGDYF----	DY	117
Qy	115	WGQGTTLTVTSS	125	
Db	118	WGQGTTLTVSS	128	

Search completed: September 29, 2005, 09:14:40
Job time : 21.3133 secs

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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: September 29, 2005, 09:12:55 ; Search time 123.391 Seconds
(without alignments)
420.531 Million cell updates/sec

Title: US-10-041-860-48

Perfect score: 672

Sequence: 1 QVQLVQSGAEYKPCASVKV.....YDYVGMVWGQGTIVTSS 125

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1846076 seqs, 415116000 residues

Total number of hits satisfying chosen parameters: 1846076

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Listing first 200 summaries

Database : Published Applications AA:*

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- 22: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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5	672	100.0	125	16	US-10-665-383-2
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7	638	94.9	125	14	US-10-041-860-203
8	638	94.9	125	14	US-10-041-860-240
9	638	94.9	125	14	US-10-041-860-343
10	638	94.9	125	16	US-10-665-383-54
11	593.5	88.3	126	14	US-10-041-860-19

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86	520	77.4	256	15	US-10-293-418-1301	Sequence 1301, Ap	159	504.5	75.1	251	10	US-09-880-748-1592	Sequence 1592, Ap
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112	512	76.2	248	10	US-09-880-748-1721	Sequence 1721, Ap	185	500.5	74.5	244	10	US-11-017-030-37	Sequence 2011, Ap
113	512	76.2	248	15	US-10-293-418-1721	Sequence 1721, Ap	186	500.5	74.5	244	15	US-09-880-748-2011	Sequence 2011, Ap
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119	511	76.0	125	14	US-10-041-860-207	Sequence 207, App	192	500	74.4	257	10	US-10-293-418-1954	Sequence 1954, Ap
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122	511	76.0	127	17	US-10-867-506-34	Sequence 34, Appl	195	500	74.4	258	15	US-09-880-748-2090	Sequence 2090, Ap
123	511	76.0	127	18	US-10-505-313-233	Sequence 233, App	196	499.5	74.3	254	10	US-10-293-418-2090	Sequence 2090, Ap
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125	510.5	76.0	126	14	US-10-041-860-354	Sequence 354, App	198	499.5	74.3	254	15	US-10-293-418-1405	Sequence 1405, Ap
126	510.5	76.0	241	10	US-09-880-748-2008	Sequence 2008, Ap	199	499	74.3	119	15	US-10-308-817-191	Sequence 191, App
127	510.5	76.0	241	15	US-10-293-418-2008	Sequence 2008, Ap	200	499	74.3	119	15	US-10-453-698-191	Sequence 191, App
128	510.5	76.0	257	10	US-09-880-748-1596	Sequence 1596, Ap							Sequence 2009, Ap
129	510.5	76.0	257	15	US-10-293-418-1596	Sequence 1596, Ap							
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143	508	75.6	98	14	US-10-041-860-373	Sequence 373, App							
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145	508	75.6	246	15	US-10-293-418-1638	Sequence 1638, Ap							
146	507.5	75.5	249	10	US-09-880-748-918	Sequence 918, App							
147	507.5	75.5	249	15	US-10-293-418-918	Sequence 918, App							
148	507	75.4	250	10	US-09-880-748-1722	Sequence 1722, Ap							
149	507	75.4	250	15	US-10-293-418-1722	Sequence 1722, Ap							
150	506.5	75.4	241	10	US-09-880-748-2032	Sequence 2032, Ap							
151	506.5	75.4	241	15	US-10-293-418-2032	Sequence 2032, Ap							
152	506	75.3	107	17	US-10-721-155-298	Sequence 298, App							
153	506	75.3	117	15	US-10-309-762-142	Sequence 142, App							
154	505.5	75.2	126	15	US-10-292-088-42	Sequence 42, Appl							
155	505.5	75.2	126	20	US-11-001-980-5	Sequence 5, Appli							
156	505.5	75.2	471	15	US-10-292-088-46	Sequence 46, Appl							
157	505	75.1	251	10	US-09-880-748-930	Sequence 930, App							

ALIGNMENTS

RESULT 1

US-10-041-860-48
; Sequence 48, Application US/10041860
; Publication No. US20030157109A1
; GENERAL INFORMATION:
; APPLICANT: Corvalan, Jose R.F.
; APPLICANT: Jia, Xiao-Chi
; APPLICANT: Feng, Xiao
; APPLICANT: Yang, Xiao-Dong
; APPLICANT: Chen, Francine
; APPLICANT: Gazit, Gadi
; APPLICANT: Weber, Richard
; APPLICANT: Bezabeh, Binyam
; TITLE OF INVENTION: ANTIBODIES DIRECTED TO PDGFD AND USES
; FILE REFERENCE: ABENTX.051A
; CURRENT FILING DATE: 2002-01-07
; NUMBER OF SEQ ID NOS: 377
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 48
; LENGTH: 125
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-041-860-48

Query Match 100.0%; Score 672; DB 14; Length 125;
Best Local Similarity 100.0%; Pred. No. 8.5e-54;
Matches 125; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 QVQLVQSGAEVKKPKGASVKVSKASGYTFTSYDINWVRQATCGGLEWGWINPNSGNTDY 60
DB 1 QVQLVQSGAEVKKPKGASVKVSKASGYTFTSYDINWVRQATCGGLEWGWINPNSGNTDY 60

QY 61 AQKFGQRTVMTTRDTSISTAYMELSLRSEDTAIYYCVRGFGYSYNDYYGMDVWGQGT 120
DB 61 AQKFGQRTVMTTRDTSISTAYMELSLRSEDTAIYYCVRGFGYSYNDYYGMDVWGQGT 120

QY 121 VTVSS 125
DB 121 VTVSS 125

RESULT 2
US-10-041-860-200
; Sequence 200, Application US/10041860
; Publication No. US20030157109A1
; GENERAL INFORMATION:
; APPLICANT: Corvalan, Jose R.F.
; APPLICANT: Jia, Xiao-Chi
; APPLICANT: Feng, Xiao
; APPLICANT: Yang, Xiao-Dong
; APPLICANT: Chen, Francine
; APPLICANT: Gazit, Gadi
; APPLICANT: Weber, Richard
; APPLICANT: Bezabeh, Binyam
; TITLE OF INVENTION: ANTIBODIES DIRECTED TO PDGFD AND USES
; FILE REFERENCE: AGENIX.051A
; CURRENT APPLICATION NUMBER: US/10/041,860
; CURRENT FILING DATE: 2002-01-07
; NUMBER OF SEQ ID NOS: 377
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 200
; LENGTH: 125
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-041-860-200

Query Match 100.0%; Score 672; DB 14; Length 125;
Best Local Similarity 100.0%; Pred. No. 8.5e-54;
Matches 125; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 QVQLVQSGAEVKKPKGASVKVSKASGYTFTSYDINWVRQATCGGLEWGWINPNSGNTDY 60
DB 1 QVQLVQSGAEVKKPKGASVKVSKASGYTFTSYDINWVRQATCGGLEWGWINPNSGNTDY 60

QY 61 AQKFGQRTVMTTRDTSISTAYMELSLRSEDTAIYYCVRGFGYSYNDYYGMDVWGQGT 120
DB 61 AQKFGQRTVMTTRDTSISTAYMELSLRSEDTAIYYCVRGFGYSYNDYYGMDVWGQGT 120

QY 121 VTVSS 125
DB 121 VTVSS 125

RESULT 3
US-10-041-860-237
; Sequence 237, Application US/10041860
; Publication No. US20030157109A1
; GENERAL INFORMATION:
; APPLICANT: Corvalan, Jose R.F.
; APPLICANT: Jia, Xiao-Chi
; APPLICANT: Feng, Xiao
; APPLICANT: Yang, Xiao-Dong
; APPLICANT: Chen, Francine
; APPLICANT: Gazit, Gadi
; APPLICANT: Weber, Richard

; APPLICANT: Bezabeh, Binyam
; TITLE OF INVENTION: ANTIBODIES DIRECTED TO PDGFD AND USES
; FILE REFERENCE: AGENIX.051A
; CURRENT APPLICATION NUMBER: US/10/041,860
; CURRENT FILING DATE: 2002-01-07
; NUMBER OF SEQ ID NOS: 377
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 237
; LENGTH: 125
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-041-860-237

Query Match 100.0%; Score 672; DB 14; Length 125;
Best Local Similarity 100.0%; Pred. No. 8.5e-54;
Matches 125; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 QVQLVQSGAEVKKPKGASVKVSKASGYTFTSYDINWVRQATCGGLEWGWINPNSGNTDY 60
DB 1 QVQLVQSGAEVKKPKGASVKVSKASGYTFTSYDINWVRQATCGGLEWGWINPNSGNTDY 60

QY 61 AQKFGQRTVMTTRDTSISTAYMELSLRSEDTAIYYCVRGFGYSYNDYYGMDVWGQGT 120
DB 61 AQKFGQRTVMTTRDTSISTAYMELSLRSEDTAIYYCVRGFGYSYNDYYGMDVWGQGT 120

QY 121 VTVSS 125
DB 121 VTVSS 125

RESULT 4
US-10-041-860-372
; Sequence 372, Application US/10041860
; Publication No. US20030157109A1
; GENERAL INFORMATION:
; APPLICANT: Corvalan, Jose R.F.
; APPLICANT: Jia, Xiao-Chi
; APPLICANT: Feng, Xiao
; APPLICANT: Yang, Xiao-Dong
; APPLICANT: Chen, Francine
; APPLICANT: Gazit, Gadi
; APPLICANT: Weber, Richard
; APPLICANT: Bezabeh, Binyam
; TITLE OF INVENTION: ANTIBODIES DIRECTED TO PDGFD AND USES
; FILE REFERENCE: AGENIX.051A
; CURRENT APPLICATION NUMBER: US/10/041,860
; CURRENT FILING DATE: 2002-01-07
; NUMBER OF SEQ ID NOS: 377
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 372
; LENGTH: 125
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-041-860-372

Query Match 100.0%; Score 672; DB 14; Length 125;
Best Local Similarity 100.0%; Pred. No. 8.5e-54;
Matches 125; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 QVQLVQSGAEVKKPKGASVKVSKASGYTFTSYDINWVRQATCGGLEWGWINPNSGNTDY 60
DB 1 QVQLVQSGAEVKKPKGASVKVSKASGYTFTSYDINWVRQATCGGLEWGWINPNSGNTDY 60

QY 61 AQKFGQRTVMTTRDTSISTAYMELSLRSEDTAIYYCVRGFGYSYNDYYGMDVWGQGT 120
DB 61 AQKFGQRTVMTTRDTSISTAYMELSLRSEDTAIYYCVRGFGYSYNDYYGMDVWGQGT 120

QY 121 VTVSS 125
DB 121 VTVSS 125

```
RESULT 5
US-10-665-383-2
; Sequence 2, Application US/10665383
; Publication No. US20040141969A1
; GENERAL INFORMATION:
; APPLICANT: Floege, Juergen
; APPLICANT: Keyt, Bruce
; APPLICANT: LaRoche, Henri
; APPLICANT: Lichenstein, William
; TITLE OF INVENTION: METHOD FOR THE TREATMENT OF NEPHRITIS
; TITLE OF INVENTION: USING ANTI-PDGF-DD ANTIBODIES
; FILE REFERENCE: ABGENIX.052A
; CURRENT APPLICATION NUMBER: US/10/665,383
; CURRENT FILING DATE: 2003-09-16
; PRIOR FILING DATE: 60/411,137
; NUMBER OF SEQ ID NOS: 97
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 125
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-665-383-2

Query Match 100.0%; Score 672; DB 16; Length 125;
Best Local Similarity 100.0%; Pred. No. 8.5e-54;
Matches 125; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATGQGLEWGWNPNSGNTDY 60
Db 1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATGQGLEWGWNPNSGNTGY 60

Qy 61 AQKFGQRTVMTTRDTSISTAYMELSSLRSEDTAIYYCVRGFGYSYNDYYGMDVWGQGT 120
Db 61 AQKFGQRTVMTTRNTSISTAYMELSSLRSEDTAVYYCARGSGYSYGYDYYGMDVWGQGT 120

Qy 121 VTVSS 125
Db 121 VTVSS 125

RESULT 6
US-10-041-860-38
; Sequence 38, Application US/10041860
; Publication No. US20030157109A1
; GENERAL INFORMATION:
; APPLICANT: Corvalan, Jose R.F.
; APPLICANT: Jia, Xiao-Chi
; APPLICANT: Feng, Xiao
; APPLICANT: Yang, Xiao-Dong
; APPLICANT: Chen, Francine
; APPLICANT: Gazit, Gadi
; APPLICANT: Weber, Richard
; APPLICANT: Bezabeh, Binyam
; TITLE OF INVENTION: ANTIBODIES DIRECTED TO PDGFD AND USES
; FILE REFERENCE: ABGENIX.051A
; CURRENT APPLICATION NUMBER: US/10/041,860
; CURRENT FILING DATE: 2002-01-07
; NUMBER OF SEQ ID NOS: 377
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 38
; LENGTH: 125
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-041-860-38

Query Match 94.9%; Score 638; DB 14; Length 125;
Best Local Similarity 94.4%; Pred. No. 1.1e-50;
Matches 118; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

Qy 1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATGQGLEWGWNPNSGNTDY 60
Db 1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATGQGLEWGWNPNSGNTGY 60

Qy 61 AQKFGQRTVMTTRDTSISTAYMELSSLRSEDTAIYYCVRGFGYSYNDYYGMDVWGQGT 120
Db 61 AQKFGQRTVMTTRNTSISTAYMELSSLRSEDTAVYYCARGSGYSYGYDYYGMDVWGQGT 120

Qy 121 VTVSS 125
Db 121 VTVSS 125

RESULT 7
US-10-041-860-203
; Sequence 203, Application US/10041860
; Publication No. US20030157109A1
; GENERAL INFORMATION:
; APPLICANT: Corvalan, Jose R.F.
; APPLICANT: Jia, Xiao-Chi
; APPLICANT: Feng, Xiao
; APPLICANT: Yang, Xiao-Dong
; APPLICANT: Chen, Francine
; APPLICANT: Gazit, Gadi
; APPLICANT: Weber, Richard
; APPLICANT: Bezabeh, Binyam
; TITLE OF INVENTION: ANTIBODIES DIRECTED TO PDGFD AND USES
; FILE REFERENCE: ABGENIX.051A
; CURRENT APPLICATION NUMBER: US/10/041,860
; CURRENT FILING DATE: 2002-01-07
; NUMBER OF SEQ ID NOS: 377
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 203
; LENGTH: 125
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-041-860-203

Query Match 94.9%; Score 638; DB 14; Length 125;
Best Local Similarity 94.4%; Pred. No. 1.1e-50;
Matches 118; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

Qy 1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATGQGLEWGWNPNSGNTDY 60
Db 1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATGQGLEWGWNPNSGNTGY 60

Qy 61 AQKFGQRTVMTTRDTSISTAYMELSSLRSEDTAIYYCVRGFGYSYNDYYGMDVWGQGT 120
Db 61 AQKFGQRTVMTTRNTSISTAYMELSSLRSEDTAVYYCARGSGYSYGYDYYGMDVWGQGT 120

Qy 121 VTVSS 125
Db 121 VTVSS 125

RESULT 8
US-10-041-860-240
; Sequence 240, Application US/10041860
; Publication No. US20030157109A1
; GENERAL INFORMATION:
; APPLICANT: Corvalan, Jose R.F.
; APPLICANT: Jia, Xiao-Chi
; APPLICANT: Feng, Xiao
; APPLICANT: Yang, Xiao-Dong
; APPLICANT: Chen, Francine
; APPLICANT: Gazit, Gadi
; APPLICANT: Weber, Richard
; APPLICANT: Bezabeh, Binyam
; TITLE OF INVENTION: ANTIBODIES DIRECTED TO PDGFD AND USES
; FILE REFERENCE: ABGENIX.051A
; CURRENT APPLICATION NUMBER: US/10/041,860
```

```
; CURRENT FILING DATE: 2002-01-07
; NUMBER OF SEQ ID NOS: 377
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 240
; LENGTH: 125
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-041-860-240

Query Match          94.9%; Score 638; DB 14; Length 125;
Best Local Similarity 94.4%; Pred. No. 1.1e-50;
Matches 118; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 1 QVQLVQSGAEVKKPKASVKSCASGYTFTSYDINNVROATQGQLEWGMWNPNSGNTDY 60
DB 1 QVQLVQSGAEVKKPKASVKSCASGYTFTSYDINNVROATQGQLEWGMWNPNSGNTGY 60

QY 61 AQKFGQRTVMTTRDTSISTAYMELSLRSEDTAIYYCVRGFGYSYNDYYGMDVWGQGT 120
DB 61 AQKFGQRTVMTTRNTSISTAYMELSLRSEDTAIYYCVRGFGYSYNDYYGMDVWGQGT 120

QY 121 VTVSS 125
DB 121 VTVSS 125
```

```
RESULT 9
US-10-041-860-343
; Sequence 343, Application US/10041860
; Publication No. US20030157109A1
; GENERAL INFORMATION:
; APPLICANT: Corvalan, Jose R.F.
; APPLICANT: Jia, Xiao-Chi
; APPLICANT: Feng, Xiao
; APPLICANT: Yang, Xiao-Dong
; APPLICANT: Chen, Francine
; APPLICANT: Gazit, Gadi
; APPLICANT: Weber, Richard
; APPLICANT: Bezabeh, Binyam
; TITLE OF INVENTION: ANTIBODIES DIRECTED TO PDGFD AND USES
; FILE REFERENCE: ABGENIX.051A
; CURRENT FILING DATE: 2002-01-07
; NUMBER OF SEQ ID NOS: 377
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 343
; LENGTH: 125
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-041-860-343

Query Match          94.9%; Score 638; DB 14; Length 125;
Best Local Similarity 94.4%; Pred. No. 1.1e-50;
Matches 118; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 1 QVQLVQSGAEVKKPKASVKSCASGYTFTSYDINNVROATQGQLEWGMWNPNSGNTDY 60
DB 1 QVQLVQSGAEVKKPKASVKSCASGYTFTSYDINNVROATQGQLEWGMWNPNSGNTGY 60

QY 61 AQKFGQRTVMTTRDTSISTAYMELSLRSEDTAIYYCVRGFGYSYNDYYGMDVWGQGT 120
DB 61 AQKFGQRTVMTTRNTSISTAYMELSLRSEDTAIYYCVRGFGYSYNDYYGMDVWGQGT 120

QY 121 VTVSS 125
DB 121 VTVSS 125
```

```
Query Match          94.9%; Score 638; DB 14; Length 125;
Best Local Similarity 94.4%; Pred. No. 1.1e-50;
Matches 118; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 1 QVQLVQSGAEVKKPKASVKSCASGYTFTSYDINNVROATQGQLEWGMWNPNSGNTDY 60
DB 1 QVQLVQSGAEVKKPKASVKSCASGYTFTSYDINNVROATQGQLEWGMWNPNSGNTGY 60

QY 61 AQKFGQRTVMTTRDTSISTAYMELSLRSEDTAIYYCVRGFGYSYNDYYGMDVWGQGT 120
DB 61 AQKFGQRTVMTTRNTSISTAYMELSLRSEDTAIYYCVRGFGYSYNDYYGMDVWGQGT 120

QY 121 VTVSS 125
DB 121 VTVSS 125
```

```
RESULT 10
US-10-041-860-343
; Sequence 343, Application US/10041860
; Publication No. US20030157109A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Floege, Juergen
; APPLICANT: Gazit, Gadi
; APPLICANT: Keyt, Bruce
; APPLICANT: LaRoche, William
; APPLICANT: Lichtenstein, Henri
; TITLE OF INVENTION: METHOD FOR THE TREATMENT OF NEPHRITIS
; FILE REFERENCE: ABGENIX.052A
; CURRENT APPLICATION NUMBER: US/10/665,383
; CURRENT FILING DATE: 2003-09-16
; PRIOR APPLICATION NUMBER: 60/411,137
; PRIOR FILING DATE: 2002-09-16
; NUMBER OF SEQ ID NOS: 97
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 54
; LENGTH: 125
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-041-860-383-54

Query Match          94.9%; Score 638; DB 16; Length 125;
Best Local Similarity 94.4%; Pred. No. 1.1e-50;
Matches 118; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 1 QVQLVQSGAEVKKPKASVKSCASGYTFTSYDINNVROATQGQLEWGMWNPNSGNTDY 60
DB 1 QVQLVQSGAEVKKPKASVKSCASGYTFTSYDINNVROATQGQLEWGMWNPNSGNTGY 60

QY 61 AQKFGQRTVMTTRDTSISTAYMELSLRSEDTAIYYCVRGFGYSYNDYYGMDVWGQGT 120
DB 61 AQKFGQRTVMTTRNTSISTAYMELSLRSEDTAIYYCVRGFGYSYNDYYGMDVWGQGT 120

QY 121 VTVSS 125
DB 121 VTVSS 125
```

```
Query Match          94.9%; Score 638; DB 16; Length 125;
Best Local Similarity 94.4%; Pred. No. 1.1e-50;
Matches 118; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 1 QVQLVQSGAEVKKPKASVKSCASGYTFTSYDINNVROATQGQLEWGMWNPNSGNTDY 60
DB 1 QVQLVQSGAEVKKPKASVKSCASGYTFTSYDINNVROATQGQLEWGMWNPNSGNTGY 60

QY 61 AQKFGQRTVMTTRDTSISTAYMELSLRSEDTAIYYCVRGFGYSYNDYYGMDVWGQGT 120
DB 61 AQKFGQRTVMTTRNTSISTAYMELSLRSEDTAIYYCVRGFGYSYNDYYGMDVWGQGT 120

QY 121 VTVSS 125
DB 121 VTVSS 125
```

```
RESULT 11
US-10-041-860-19
; Sequence 19, Application US/10041860
; Publication No. US20030157109A1
; GENERAL INFORMATION:
; APPLICANT: Corvalan, Jose R.F.
; APPLICANT: Jia, Xiao-Chi
; APPLICANT: Feng, Xiao
; APPLICANT: Yang, Xiao-Dong
; APPLICANT: Chen, Francine
; APPLICANT: Gazit, Gadi
; APPLICANT: Weber, Richard
; APPLICANT: Bezabeh, Binyam
; TITLE OF INVENTION: ANTIBODIES DIRECTED TO PDGFD AND USES
; FILE REFERENCE: ABGENIX.051A
; CURRENT APPLICATION NUMBER: US/10/041,860
; CURRENT FILING DATE: 2002-01-07
; NUMBER OF SEQ ID NOS: 377
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 19
; LENGTH: 126
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-041-860-19

Query Match          88.3%; Score 593.5; DB 14; Length 126;
Best Local Similarity 89.7%; Pred. No. 1.3e-46;
Matches 113; Conservative 4; Mismatches 8; Indels 1; Gaps 1;

QY 1 QVQLVQSGAEVKKPKASVKSCASGYTFTSYDINNVROATQGQLEWGMWNPNSGNTDY 60
DB 1 QVQLVQSGAEVKKPKASVKSCASGYTFTSYDINNVROATQGQLEWGMWNPNSGNTGY 60

QY 61 AQKFGQRTVMTTRDTSISTAYMELSLRSEDTAIYYCVR-GFGYSYNDYYGMDVWGQGT 119
```

```
Query Match          88.3%; Score 593.5; DB 14; Length 126;
Best Local Similarity 89.7%; Pred. No. 1.3e-46;
Matches 113; Conservative 4; Mismatches 8; Indels 1; Gaps 1;

QY 1 QVQLVQSGAEVKKPKASVKSCASGYTFTSYDINNVROATQGQLEWGMWNPNSGNTDY 60
DB 1 QVQLVQSGAEVKKPKASVKSCASGYTFTSYDINNVROATQGQLEWGMWNPNSGNTGY 60

QY 61 AQKFGQRTVMTTRDTSISTAYMELSLRSEDTAIYYCVR-GFGYSYNDYYGMDVWGQGT 119
```

```
Db      61 AOKFQGRVTMTTRTSTISAYMELSLRSEDTAIVYCAREGIAVAGTYYYYYGGMDVWGQGT 120
      120 TVTVSS 125
      121 TVTVSS 126

RESULT 12
US-10-041-860-201
; Sequence 201, Application US/10041860
; Publication No. US20030157109A1
; GENERAL INFORMATION:
; APPLICANT: Corvalan, Jose R.F.
; APPLICANT: Jia, Xiao-Chi
; APPLICANT: Feng, Xiao
; APPLICANT: Yang, Xiao-Dong
; APPLICANT: Chen, Francine
; APPLICANT: Gazit, Gadi
; APPLICANT: Weber, Richard
; APPLICANT: Bezabeh, Binyam
; TITLE OF INVENTION: ANTIBODIES DIRECTED TO PDGFD AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: ABGENIX.051A
; CURRENT APPLICATION NUMBER: US/10/041,860
; CURRENT FILING DATE: 2002-01-07
; NUMBER OF SEQ ID NOS: 377
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 201
; LENGTH: 126
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-041-860-201

Query Match      88.3%; Score 593.5; DB 14; Length 126;
Best Local Similarity 89.7%; Pred. No. 1.3e-46;
Matches 113; Conservative 4; Mismatches 8; Indels 1; Gaps 1;

QY      1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATCGGLEWGMWNPNSGNTDY 60
      1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATCGGLEWGMWNPNSGNTGY 60
      61 AOKFQGRVTMTTRTSTISAYMELSLRSEDTAIVYCVR-GFGYSYNYDYGGMDVWGQGT 119
      61 AOKFQGRVTMTTRTSTISAYMELSLRSEDTAIVYCAREGIAVAGTYYYYYGGMDVWGQGT 120

QY      120 TVTVSS 125
      121 TVTVSS 126

RESULT 13
US-10-041-860-288
; Sequence 288, Application US/10041860
; Publication No. US20030157109A1
; GENERAL INFORMATION:
; APPLICANT: Corvalan, Jose R.F.
; APPLICANT: Jia, Xiao-Chi
; APPLICANT: Feng, Xiao
; APPLICANT: Yang, Xiao-Dong
; APPLICANT: Chen, Francine
; APPLICANT: Gazit, Gadi
; APPLICANT: Weber, Richard
; APPLICANT: Bezabeh, Binyam
; TITLE OF INVENTION: ANTIBODIES DIRECTED TO PDGFD AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: ABGENIX.051A
; CURRENT APPLICATION NUMBER: US/10/041,860
; CURRENT FILING DATE: 2002-01-07
; NUMBER OF SEQ ID NOS: 377
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 288
; LENGTH: 126
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-041-860-288

Query Match      88.3%; Score 593.5; DB 14; Length 126;
Best Local Similarity 89.7%; Pred. No. 1.3e-46;
Matches 113; Conservative 4; Mismatches 8; Indels 1; Gaps 1;

QY      1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATCGGLEWGMWNPNSGNTDY 60
      1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATCGGLEWGMWNPNSGNTGY 60
      61 AOKFQGRVTMTTRTSTISAYMELSLRSEDTAIVYCVR-GFGYSYNYDYGGMDVWGQGT 119
      61 AOKFQGRVTMTTRTSTISAYMELSLRSEDTAIVYCAREGIAVAGTYYYYYGGMDVWGQGT 120

QY      120 TVTVSS 125
      121 TVTVSS 126

RESULT 14
US-10-041-860-383
; Sequence 18, Application US/10665383
; Publication No. US20040141969A1
; GENERAL INFORMATION:
; APPLICANT: Floege, Juergen
; APPLICANT: Gazit, Gadi
; APPLICANT: Keyt, Bruce
; APPLICANT: LaRoche, William
; APPLICANT: Lichenstein, Henri
; TITLE OF INVENTION: METHOD FOR THE TREATMENT OF NEPHRITIS
; TITLE OF INVENTION: USING ANTI-PDGF-DD ANTIBODIES
; FILE REFERENCE: ABGENIX.052A
; CURRENT APPLICATION NUMBER: US/10/665,383
; CURRENT FILING DATE: 2003-09-16
; PRIOR APPLICATION NUMBER: 60/411,137
; PRIOR FILING DATE: 2002-09-16
; NUMBER OF SEQ ID NOS: 97
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 18
; LENGTH: 126
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-041-860-383

Query Match      88.3%; Score 593.5; DB 16; Length 126;
Best Local Similarity 89.7%; Pred. No. 1.3e-46;
Matches 113; Conservative 4; Mismatches 8; Indels 1; Gaps 1;

QY      1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATCGGLEWGMWNPNSGNTDY 60
      1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATCGGLEWGMWNPNSGNTGY 60
      61 AOKFQGRVTMTTRTSTISAYMELSLRSEDTAIVYCVR-GFGYSYNYDYGGMDVWGQGT 119
      61 AOKFQGRVTMTTRTSTISAYMELSLRSEDTAIVYCAREGIAVAGTYYYYYGGMDVWGQGT 120

QY      120 TVTVSS 125
      121 TVTVSS 126

RESULT 15
US-10-041-860-238
; Sequence 238, Application US/10041860
; Publication No. US20030157109A1
; GENERAL INFORMATION:
; APPLICANT: Corvalan, Jose R.F.
; APPLICANT: Jia, Xiao-Chi
; APPLICANT: Feng, Xiao
; APPLICANT: Yang, Xiao-Dong
; APPLICANT: Chen, Francine
```

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; TYPE: PRT
; ORGANISM: homo sapiens
US-10-041-860-288

Query Match      88.3%; Score 593.5; DB 14; Length 126;
Best Local Similarity 89.7%; Pred. No. 1.3e-46;
Matches 113; Conservative 4; Mismatches 8; Indels 1; Gaps 1;

QY      1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATCGGLEWGMWNPNSGNTDY 60
      1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATCGGLEWGMWNPNSGNTGY 60
      61 AOKFQGRVTMTTRTSTISAYMELSLRSEDTAIVYCVR-GFGYSYNYDYGGMDVWGQGT 119
      61 AOKFQGRVTMTTRTSTISAYMELSLRSEDTAIVYCAREGIAVAGTYYYYYGGMDVWGQGT 120

QY      120 TVTVSS 125
      121 TVTVSS 126

RESULT 15
US-10-041-860-238
; Sequence 238, Application US/10041860
; Publication No. US20030157109A1
; GENERAL INFORMATION:
; APPLICANT: Corvalan, Jose R.F.
; APPLICANT: Jia, Xiao-Chi
; APPLICANT: Feng, Xiao
; APPLICANT: Yang, Xiao-Dong
; APPLICANT: Chen, Francine
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Search completed: September 29, 2005, 09:45:19
Job time : 125.391 secs

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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: September 29, 2005, 09:09:14 ; Search time 16.6867 Seconds
(without alignments)
483.145 Million cell updates/sec

Title: US-10-041-860-49
Perfect score: 558
Sequence: 1 E1VL7QSPGTLTSLSPGERAT.....CQYGSFPCRFQGTGKLEIK 108

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Listing first 200 summaries

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6: /cgn2_6/prodata/1/1aa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Match	Length	ID	Description
1	530	95.0	108	2	US-08-232-081B-42 Sequence 42, Appl
2	529	94.8	109	3	US-09-025-769B-16 Sequence 16, Appl
3	529	94.8	109	4	US-09-490-070A-16 Sequence 16, Appl
4	529	94.8	109	4	US-09-490-153-16 Sequence 16, Appl
5	529	94.8	109	4	US-09-490-324-16 Sequence 16, Appl
6	525	94.1	108	1	US-08-488-113B-150 Sequence 150, App
7	525	94.1	108	1	US-08-477-484B-150 Sequence 150, App
8	525	94.1	108	2	US-08-646-360-150 Sequence 150, App
9	525	94.1	108	3	US-08-839-765-150 Sequence 150, App
10	525	94.1	108	3	US-09-136-389-150 Sequence 150, App
11	525	94.1	108	3	US-09-610-838-150 Sequence 150, App
12	525	94.1	108	4	US-09-711-485-150 Sequence 150, App
13	524.5	94.0	226	4	US-09-456-090A-50 Sequence 50, Appl
14	524.5	94.0	226	4	US-09-456-090A-86 Sequence 86, Appl
15	524.5	94.0	226	4	US-09-453-234-50 Sequence 50, Appl
16	524.5	94.0	226	4	US-09-453-234-86 Sequence 86, Appl
17	521	93.4	235	4	US-09-472-087-14 Sequence 14, Appl
18	521	93.4	235	4	US-09-472-087-65 Sequence 65, Appl
19	518.5	92.9	226	4	US-09-456-090A-80 Sequence 80, Appl
20	518.5	92.9	226	4	US-09-453-234-80 Sequence 80, Appl
21	518.5	92.9	236	4	US-09-859-053-34 Sequence 34, Appl
22	518	92.8	108	3	US-09-240-274-178 Sequence 178, App
23	513.5	92.0	236	4	US-09-859-053-38 Sequence 38, Appl
24	512.5	91.8	226	4	US-09-456-090A-74 Sequence 74, Appl
25	512.5	91.8	226	4	US-09-453-234-74 Sequence 74, Appl
26	511.5	91.7	226	4	US-09-456-090A-42 Sequence 42, Appl
27	511.5	91.7	226	4	US-09-453-234-42 Sequence 42, Appl

511	91.6	129	2	US-08-480-774A-4	Sequence 4, Appl
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508	91.0	108	1	US-08-474-040-86	Sequence 86, Appl
508	91.0	108	1	US-08-487-200-86	Sequence 86, Appl
508	91.0	108	3	US-08-484-537-86	Sequence 86, Appl
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506.5	90.8	226	4	US-09-453-234-72	Sequence 72, Appl
506	90.7	107	4	US-08-635-109-7	Sequence 7, Appl
506	90.7	107	4	US-08-844-215-10	Sequence 10, Appl
505	90.5	150	3	US-08-862-124-5	Sequence 5, Appl
505	90.5	287	3	US-08-862-124-17	Sequence 17, Appl
505	90.5	304	3	US-08-862-124-14	Sequence 14, Appl
504.5	90.4	107	1	US-08-107-669D-14	Sequence 14, Appl
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499	89.4	141	4	US-08-276-852-99	Sequence 99, Appl
497	89.1	108	1	US-08-899-575-99	Sequence 99, Appl
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495.5	88.8	234	4	US-09-472-087-17	Sequence 17, Appl
495.5	88.8	234	4	US-09-472-087-69	Sequence 69, Appl
495	88.7	108	1	US-08-276-852-86	Sequence 86, Appl
495	88.7	108	1	US-08-899-575-86	Sequence 86, Appl
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495	88.7	233	4	US-09-472-087-15	Sequence 15, Appl
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494.5	88.6	224	4	US-09-456-090A-76	Sequence 76, Appl
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494	88.5	107	4	US-08-635-109-5	Sequence 5, Appl
494	88.5	107	4	US-08-844-215-8	Sequence 8, Appl
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487	87.3	110	3	US-09-025-769B-30	Sequence 30, Appl
487	87.3	110	3	US-09-025-769B-47	Sequence 47, Appl
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486	87.1	104	1	US-08-276-852-100	Sequence 100, App
486	87.1	104	1	US-08-899-575-100	Sequence 100, App
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486	87.1	109	5	PCT-US93-08786-23	Sequence 23, Appl
485	86.9	96	4	US-09-472-087-87	Sequence 87, Appl
485	86.9	116	2	US-08-053-131-183	Sequence 183, App
485	86.9	116	3	US-08-096-762-183	Sequence 46, Appl
485	86.9	116	3	US-09-042-353-46	Sequence 116, App
483.5	86.6	106	4	US-08-758-417A-311	Sequence 311, App
483.5	86.6	109	1	US-08-844-215-14	Sequence 147, App
482.5	86.5	109	1	US-08-276-852-147	Sequence 147, App
482.5	86.5	109	1	US-08-899-575-147	Sequence 147, App

101	482.5	86.5	109	1	US-08-899-575-147	Sequence 147, App	174	448.5	80.4	107	3	US-08-484-537-87	Sequence 87, Appl
102	482.5	86.5	109	5	PCT-US95-08743-147	Sequence 147, App	175	448	80.3	104	1	US-08-276-852-92	Sequence 92, Appl
103	482	86.4	108	1	US-08-276-852-110	Sequence 110, App	176	448	80.3	104	1	US-08-899-575-92	Sequence 92, Appl
104	482	86.4	108	1	US-08-899-575-110	Sequence 110, App	177	448	80.3	104	1	US-08-899-575-92	Sequence 92, Appl
105	482	86.4	108	1	US-08-899-575-110	Sequence 110, App	178	448	80.3	104	5	PCT-US95-08743-92	Sequence 92, Appl
106	482	86.4	108	5	PCT-US95-08743-110	Sequence 110, App	179	447	80.1	117	4	US-09-203-768A-4	Sequence 4, Appl
107	481.5	86.3	146	4	US-09-472-087-21	Sequence 21, Appl	180	446.5	80.0	239	3	US-08-812-586-29	Sequence 29, Appl
108	481.5	86.3	146	4	US-09-472-087-93	Sequence 93, Appl	181	446.5	80.0	239	3	US-09-535-832A-30	Sequence 30, Appl
109	477	85.5	107	1	US-08-276-852-87	Sequence 87, Appl	182	444.5	79.7	107	4	US-09-438-954-40	Sequence 40, Appl
110	477	85.5	107	1	US-08-899-575-87	Sequence 87, Appl	183	441	79.0	107	3	US-08-783-853A-44	Sequence 44, Appl
111	477	85.5	107	1	US-08-899-575-87	Sequence 87, Appl	184	441	79.0	107	3	US-09-344-050-44	Sequence 44, Appl
112	477	85.5	107	5	PCT-US95-08743-87	Sequence 87, Appl	185	439.5	78.8	100	4	US-09-899-896-4	Sequence 4, Appl
113	474	84.9	142	4	US-09-472-087-19	Sequence 19, Appl	186	438	78.5	235	1	US-08-276-852-153	Sequence 153, App
114	474	84.9	142	4	US-09-472-087-92	Sequence 92, Appl	187	438	78.5	235	1	US-08-899-575-153	Sequence 153, App
115	473.5	84.9	142	4	US-09-472-087-91	Sequence 91, Appl	188	438	78.5	235	1	US-08-899-575-153	Sequence 153, App
116	473	84.8	141	4	US-09-472-087-89	Sequence 89, Appl	189	438	78.5	235	5	PCT-US95-08743-153	Sequence 9, Appl
117	471	84.4	107	4	US-08-844-215-12	Sequence 12, Appl	190	436.5	78.2	107	2	US-08-232-081B-9	Sequence 9, Appl
118	467.5	83.8	111	1	US-08-276-852-149	Sequence 149, App	191	435.5	78.0	235	3	US-08-812-586-16	Sequence 16, Appl
119	467.5	83.8	111	1	US-08-899-575-149	Sequence 149, App	192	435.5	78.0	235	4	US-09-535-832A-17	Sequence 17, Appl
120	467.5	83.8	111	1	US-08-899-575-149	Sequence 149, App	193	434.5	77.9	127	2	US-08-476-176B-8	Sequence 8, Appl
121	467.5	83.8	111	5	PCT-US95-08743-149	Sequence 149, App	194	434.5	77.9	127	2	US-08-476-176B-10	Sequence 10, Appl
122	465.5	83.4	139	4	US-09-472-087-16	Sequence 16, Appl	195	434.5	77.9	127	3	US-08-127-721A-8	Sequence 8, Appl
123	465.5	83.4	139	4	US-09-472-087-90	Sequence 90, Appl	196	434.5	77.9	127	3	US-08-127-721A-10	Sequence 10, Appl
124	464.5	83.2	224	4	US-09-456-090A-82	Sequence 82, Appl	197	434.5	77.9	127	3	US-08-485-246A-8	Sequence 8, Appl
125	464.5	83.2	224	4	US-09-456-090A-88	Sequence 88, Appl	198	434.5	77.9	127	3	US-08-485-246A-10	Sequence 10, Appl
126	464.5	83.2	224	4	US-09-456-090A-90	Sequence 90, Appl	199	429	76.9	107	1	US-08-276-852-115	Sequence 115, App
127	464.5	83.2	224	4	US-09-453-234-82	Sequence 82, Appl	200	429	76.9	107	1	US-08-899-575-115	Sequence 115, App
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137	459.5	82.3	109	4	US-08-920-100B-24	Sequence 24, Appl							
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144	458.5	82.2	105	1	US-08-276-852-93	Sequence 93, Appl							
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149	458	82.1	112	1	US-08-899-575-151	Sequence 151, App							
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151	458	82.1	112	5	PCT-US95-08743-151	Sequence 151, App							
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156	456.5	81.8	224	4	US-09-456-090A-84	Sequence 84, Appl							
157	456.5	81.8	224	4	US-09-453-234-84	Sequence 84, Appl							
158	455	81.5	108	1	US-08-276-852-96	Sequence 96, Appl							
159	455	81.5	108	1	US-08-899-575-96	Sequence 96, Appl							
160	455	81.5	108	1	US-08-899-575-96	Sequence 96, Appl							
161	455	81.5	108	5	PCT-US95-08743-96	Sequence 96, Appl							
162	453.5	81.3	215	2	US-08-480-753-8	Sequence 8, Appl							
163	453.5	81.3	224	4	US-09-456-090A-46	Sequence 46, Appl							
164	453.5	81.3	224	4	US-09-453-234-46	Sequence 46, Appl							
165	448.5	80.4	107	1	US-07-634-278-63	Sequence 63, Appl							
166	448.5	80.4	107	1	US-07-634-278-87	Sequence 87, Appl							
167	448.5	80.4	107	1	US-08-477-728-63	Sequence 63, Appl							
168	448.5	80.4	107	1	US-08-477-728-63	Sequence 63, Appl							
169	448.5	80.4	107	1	US-08-474-040-63	Sequence 63, Appl							
170	448.5	80.4	107	1	US-08-474-040-63	Sequence 63, Appl							
171	448.5	80.4	107	1	US-08-487-200-87	Sequence 87, Appl							
172	448.5	80.4	107	1	US-08-487-200-87	Sequence 87, Appl							
173	448.5	80.4	107	3	US-08-484-537-63	Sequence 63, Appl							

ALIGNMENTS

RESULT 1

US-08-232-081B-42 ; Sequence 42, Application US/08232081B

Patent No. 5886152

GENERAL INFORMATION:

APPLICANT: NAKAYANI, TOMOYUKI

APPLICANT: GOMI, HIDEYUKI

APPLICANT: WIJENES, JOHN

APPLICANT: NOGUCHI, HIROSHI

TITLE OF INVENTION: HUMANIZED B-B10

NUMBER OF SEQUENCES: 42

CORRESPONDENCE ADDRESSES:

ADDRESSEE: BIRCH, STEWART, KOLASCH AND BIRCH

STREET: PO BOX 747

CITY: FALLS CHURCH

STATE: VA

COUNTRY: USA

ZIP: 22040-0747

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/232.081B

FILING DATE:

CLASSIFICATION: 424

ATTORNEY/AGENT INFORMATION:

NAME: SVENSSON, LEONARD R

REGISTRATION NUMBER: 30,330

REFERENCE/DOCKET NUMBER: 20-3484

TELECOMMUNICATION INFORMATION:

TELEPHONE: (703) 205-8000

TELEFAX: (703) 205-8050

INFORMATION FOR SEQ ID NO: 42:

SEQUENCE CHARACTERISTICS:

LENGTH: 108 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: peptide

US-08-232-081B-42

Query Match 95.0%; Score 530; DB 2; Length 108;
Best Local Similarity 94.4%; Pred. No. 1.5e-42;
Matches 102; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 1 EIVLTQSPGTLISLSPGERATLSCRASQSVSSSYLAWSYQQKPGQAPRLLIYATSSRATGIP 60
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QY 61 DRFSGSGGTDFTLTIISRLPEDFAVYYCQQYGGSPGCSFGQGTKEIK 108
Db 61 DRFSGSGGTDFTLTIISRLPEDFAVYYCQQYGGSPGCSFGQGTKEIK 108

RESULT 2

US-09-025-769B-16
; Sequence 16, Application US/09025769B
; Patent No. 6300064
; GENERAL INFORMATION:
; APPLICANT: Knappik, Achim
; APPLICANT: Pack, Peter
; APPLICANT: Ilag, Vic
; APPLICANT: Ge, Liming
; APPLICANT: Moroney, Simon
; APPLICANT: Plueckthun, Andreas
; TITLE OF INVENTION: Protein/(Poly)peptide libraries
; NUMBER OF SEQUENCES: 373
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave
; STREET: 1251 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10021
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/025,769B
; FILING DATE: 18-FEB-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 95 11 3021.0
; FILING DATE: 18-AUG-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: James F. Haley, Jr., Esq.
; REGISTRATION NUMBER: 27,794
; REFERENCE/DOCKET NUMBER: MORPHO/5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)596-9000
; TELEFAX: (212)596-9090
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 109 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-025-769B-16

Query Match 94.8%; Score 529; DB 3; Length 109;
Best Local Similarity 94.4%; Pred. No. 1.9e-42;
Matches 102; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 1 EIVLTQSPGTLISLSPGERATLSCRASQSVSSSYLAWSYQQKPGQAPRLLIYATSSRATGIP 60
Db 1 EIVLTQSPGTLISLSPGERATLSCRASQSVSSSYLAWSYQQKPGQAPRLLIYATSSRATGIP 60

QY 61 DRFSGSGGTDFTLTIISRLPEDFAVYYCQQYGGSPGCSFGQGTKEIK 108
Db 61 DRFSGSGGTDFTLTIISRLPEDFAVYYCQQYGGSPGCSFGQGTKEIK 108

RESULT 3

US-09-490-070A-16
; Sequence 16, Application US/09490070A
; Patent No. 6696248
; GENERAL INFORMATION:
; APPLICANT: Knappik, Achim
; APPLICANT: Pack, Peter
; APPLICANT: Ilag, Vic
; APPLICANT: Ge, Liming
; APPLICANT: Moroney, Simon
; APPLICANT: Plueckthun, Andreas
; TITLE OF INVENTION: Protein/(Poly)peptide libraries
; NUMBER OF SEQUENCES: 373
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Colin G. Sandercock, Esq. c/o Heller Ehrman
; White & McAnuliffe
; STREET: 1666 K Street, N.W., Suite 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20006
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/490,070A
; FILING DATE: 24-Jan-2000
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 95 11 3021.0
; FILING DATE: 18-AUG-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Colin G. Sandercock, Esq.
; REGISTRATION NUMBER: 31,298
; REFERENCE/DOCKET NUMBER: 37629-0005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 912-2000
; TELEFAX: (202) 912-2020
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 109 amino acids
; TYPE: amino acid
; STRANDEDNESS: <Unknown>
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 16:
US-09-490-070A-16

Query Match 94.8%; Score 529; DB 4; Length 109;
Best Local Similarity 94.4%; Pred. No. 1.9e-42;
Matches 102; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 1 EIVLTQSPGTLISLSPGERATLSCRASQSVSSSYLAWSYQQKPGQAPRLLIYATSSRATGIP 60
Db 1 EIVLTQSPGTLISLSPGERATLSCRASQSVSSSYLAWSYQQKPGQAPRLLIYATSSRATGIP 60

QY 61 DRFSGSGGTDFTLTIISRLPEDFAVYYCQQYGGSPGCSFGQGTKEIK 108
Db 61 DRFSGSGGTDFTLTIISRLPEDFAVYYCQQYGGSPGCSFGQGTKEIK 108

RESULT 4

US-09-490-153-16
; Sequence 16, Application US/09490153
; Patent No. 6706484
; GENERAL INFORMATION:
; APPLICANT: Knappik, Achim
; APPLICANT: Pack, Peter
; APPLICANT: Ilag, Vic
; APPLICANT: Ge, Liming

;; Moroney, Simon
;; Plueckthun, Andreas
;; TITLE OF INVENTION: Protein/(Poly)peptide libraries
;; NUMBER OF SEQUENCES: 373
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave
;; STREET: 1251 Avenue of the Americas
;; CITY: New York
;; STATE: New York
;; COUNTRY: USA
;; ZIP: 10021
;;
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/490,153
;; FILING DATE: 24-Jan-2000
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US/09/025,769B
;; FILING DATE: 18-FEB-1998
;; APPLICATION NUMBER: EP 95 11 3021.0
;; FILING DATE: 18-AUG-1995
;; ATTORNEY/AGENT INFORMATION:
;; NAME: James F. Haley, Jr., Esq.
;; REGISTRATION NUMBER: 27,794
;; REFERENCE/DOCKET NUMBER: MORPHO/5
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (212)596-9090
;; TELEFAX: (212)596-9090
;; INFORMATION FOR SEQ ID NO: 16:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 109 amino acids
;; TYPE: amino acid
;; STRANDEDNESS: <Unknown>
;; TOPOLOGY: linear
;; MOLECULE TYPE: protein
;; SEQUENCE DESCRIPTION: SEQ ID NO: 16:
US-09-490-153-16

Query Match 94.8%; Score 529; DB 4; Length 109;
Best Local Similarity 94.4%; Pred. No. 1.9e-42;
Matches 102; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1 EIVLTQSPGTLSPGERATLSCRASQSVSSSYLAWSYQQKPGQAPRLLIYATSSRATGIP 60
|||
Db 1 EIVLTQSPGTLSPGERATLSCRASQSVSSSYLAWSYQQKPGQAPRLLIYATSSRATGIP 60
|||

QY 61 DRFSGSGGTDTLTISRLEPEDFAVYCCQYGGSPCSFGQGTKLEIK 108
|||
Db 61 DRFSGSGGTDTLTISRLEPEDFAVYCCQYGGSPCSFGQGTKLEIK 108
|||

RESULT 5
US-09-490-324-16
; Sequence 16, Application US/09490324
; Patent No. 6828422
; GENERAL INFORMATION:
; APPLICANT: Knappik, Achim
; Pack, Peter
; Ilag, Vic
; Ge, Liming
; Moroney, Simon
; Plueckthun, Andreas
; TITLE OF INVENTION: Protein/(Poly)peptide libraries
; NUMBER OF SEQUENCES: 373
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave
; STREET: 1251 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA

;; ZIP: 10021
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/490,324
;; FILING DATE: 24-Jan-2000
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US/09/025,769
;; FILING DATE: 18-FEB-1998
;; APPLICATION NUMBER: EP 95 11 3021.0
;; FILING DATE: 18-AUG-1995
;; ATTORNEY/AGENT INFORMATION:
;; NAME: James F. Haley, Jr., Esq.
;; REGISTRATION NUMBER: 27,794
;; REFERENCE/DOCKET NUMBER: MORPHO/5
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (212)596-9090
;; TELEFAX: (212)596-9090
;; INFORMATION FOR SEQ ID NO: 16:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 109 amino acids
;; TYPE: amino acid
;; STRANDEDNESS: <Unknown>
;; TOPOLOGY: linear
;; MOLECULE TYPE: protein
;; SEQUENCE DESCRIPTION: SEQ ID NO: 16:
US-09-490-324-16

Query Match 94.8%; Score 529; DB 4; Length 109;
Best Local Similarity 94.4%; Pred. No. 1.9e-42;
Matches 102; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 1 EIVLTQSPGTLSPGERATLSCRASQSVSSSYLAWSYQQKPGQAPRLLIYATSSRATGIP 60
|||
Db 1 EIVLTQSPGTLSPGERATLSCRASQSVSSSYLAWSYQQKPGQAPRLLIYATSSRATGIP 60
|||

QY 61 DRFSGSGGTDTLTISRLEPEDFAVYCCQYGGSPCSFGQGTKLEIK 108
|||
Db 61 DRFSGSGGTDTLTISRLEPEDFAVYCCQYGGSPCSFGQGTKLEIK 108
|||

RESULT 6
US-08-488-113B-150
; Sequence 150, Application US/08488113B
; Patent No. 5744580
; GENERAL INFORMATION:
; APPLICANT: Better, Marc D.
; APPLICANT: Carroli, Stephen F.
; APPLICANT: Studnika, Gary M.
; TITLE OF INVENTION: Immunotoxins Comprising Ribosome-Inactivating
; TITLE OF INVENTION: Proteins
; NUMBER OF SEQUENCES: 169
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McAndrews, Held & Malloy, Ltd.
; STREET: 500 West Madison Street, 34th floor
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60661
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/488,113B
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/425,336

```

; FILING DATE: 18-APR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/064,691
; FILING DATE: 12-MAY-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/988,430
; FILING DATE: 09-DEC-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/901,707
; FILING DATE: 19-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/787,567
; FILING DATE: 04-NOV-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: McNicholas, Janet M.
; REGISTRATION NUMBER: 32,918
; REFERENCE/DOCKET NUMBER: 11022US07/200-70.P3.C2A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/707-8889
; TELEFAX: 312/707-9155
; TELEX: 650 388-1248
; INFORMATION FOR SEQ ID NO: 150:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 108 amino acids
; TYPE: amino acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-488-113B-150

Query Match 94.1%; Score 525; DB 1; Length 108;
Best Local Similarity 94.4%; Pred. No. 4.4e-42;
Matches 102; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 1 EIVLTSPGTLSPERATLSRASQSVSSSYLAWYQKPGQAPRLIYATSSRATGIP 60
DB 1 EIVLTSPGTLSPERATLSRASQSVSSSYLAWYQKPGQAPRLIYAGSSRATGIP 60

QY 61 DRFGSGSGTDTLTISRLEPDPFAVYCCQYGSSPCSPFGQGTKLEIK 108
DB 61 DRFGSGSGTDTLTISRLEPDPFAVYCCQYGSSPXTFGQGTKVEIK 108

RESULT 7
US-08-477-484B-150
; Sequence 150, Application US/08477484B
; Patent No. 5756699
; GENERAL INFORMATION:
; APPLICANT: Better, Marc D.
; APPLICANT: Carroll, Stephen F.
; APPLICANT: Studnika, Gary M.
; TITLE OF INVENTION: Immunotoxins Comprising Ribosome-Inactivating
; TITLE OF INVENTION: Proteins
; NUMBER OF SEQUENCES: 169
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McAndrews, Held & Malloy, Ltd.
; STREET: 500 West Madison Street, 34th floor
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60661
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/477,484B
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/425,336
; FILING DATE: 18-APR-1995

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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/064,691
; FILING DATE: 12-MAY-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/988,430
; FILING DATE: 09-DEC-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/901,707
; FILING DATE: 19-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/787,567
; FILING DATE: 04-NOV-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: McNicholas, Janet M.
; REGISTRATION NUMBER: 32,918
; REFERENCE/DOCKET NUMBER: 11022US07/200-70.P3.C2A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/707-8889
; TELEFAX: 312/707-9155
; TELEX: 650 388-1248
; INFORMATION FOR SEQ ID NO: 150:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 108 amino acids
; TYPE: amino acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-477-484B-150

Query Match 94.1%; Score 525; DB 1; Length 108;
Best Local Similarity 94.4%; Pred. No. 4.4e-42;
Matches 102; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 1 EIVLTSPGTLSPERATLSRASQSVSSSYLAWYQKPGQAPRLIYATSSRATGIP 60
DB 1 EIVLTSPGTLSPERATLSRASQSVSSSYLAWYQKPGQAPRLIYAGSSRATGIP 60

QY 61 DRFGSGSGTDTLTISRLEPDPFAVYCCQYGSSPCSPFGQGTKLEIK 108
DB 61 DRFGSGSGTDTLTISRLEPDPFAVYCCQYGSSPXTFGQGTKVEIK 108

RESULT 8
US-08-646-360-150
; Sequence 150, Application US/08646360
; Patent No. 5837491
; GENERAL INFORMATION:
; APPLICANT: Better, Marc D.
; APPLICANT: Carroll, Stephen F.
; APPLICANT: Studnika, Gary M.
; TITLE OF INVENTION: Immunotoxins Comprising Ribosome-Inactivating
; TITLE OF INVENTION: Proteins
; NUMBER OF SEQUENCES: 173
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McAndrews, Held & Malloy, Ltd.
; STREET: 500 West Madison Street, 34th floor
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60661
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/646,360
; FILING DATE: 13-MAY-1996
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/05348
; FILING DATE: 12-MAY-1994
; PRIOR APPLICATION DATA:

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; APPLICATION NUMBER: US 08/064,691
; FILING DATE: 12-MAY-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/988,430
; FILING DATE: 09-DEC-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/901,707
; FILING DATE: 19-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/787,567
; FILING DATE: 04-NOV-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: McNicholas, Janet M.
; REGISTRATION NUMBER: 32,918
; REFERENCE/DOCKET NUMBER: 200-70.P4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/707-8889
; TELEFAX: 312/707-9155
; TELEX: 650 388-1248
; INFORMATION FOR SEQ ID NO: 150:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 108 amino acids
; TYPE: amino acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-646-360-150

Query Match 94.1%; Score 525; DB 2; Length 108;
Best Local Similarity 94.4%; Pred. No. 4.4e-42;
Matches 102; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 1 EIVLTQSPGTLSPGERATLSCRASQSVSSSYLAWYQQKPGAPRLIYATSSRATGIP 60
DB 1 EIVLTQSPGTLSPGERATLSCRASQSVSSSYLAWYQQKPGAPRLIYATSSRATGIP 60
QY 61 DRFGSGSGTDTLTISRLEPDAFVYCCQYGSSPCSFQGQTKLEIK 108
DB 61 DRFGSGSGTDTLTISRLEPDAFVYCCQYGSSPCSFQGQTKVEIK 108

RESULT 9
US-08-839-765-150
; Sequence 150, Application US/08839765
; Patent No. 6146631
; GENERAL INFORMATION:
; APPLICANT: Better, Marc D.
; APPLICANT: Carroll, Stephen F.
; APPLICANT: Studnika, Gary M.
; TITLE OF INVENTION: Immunotoxins Comprising Ribosome-Inactivating
; NUMBER OF SEQUENCES: 169
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McAndrews, Held & Malloy, Ltd.
; STREET: 500 West Madison Street, 34th floor
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60661
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/839,765
; FILING DATE: 15-APR-1997
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION NUMBER: US 08/425,336
; FILING DATE: 18-APR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/064,691
```

```
; FILING DATE: 12-MAY-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/988,430
; FILING DATE: 09-DEC-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/901,707
; FILING DATE: 19-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/787,567
; FILING DATE: 04-NOV-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: McNicholas, Janet M.
; REGISTRATION NUMBER: 32,918
; REFERENCE/DOCKET NUMBER: 11022US09/200-70.P3.C3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/707-8889
; TELEFAX: 312/707-9155
; TELEX: 650 388-1248
; INFORMATION FOR SEQ ID NO: 150:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 108 amino acids
; TYPE: amino acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-839-765-150

Query Match 94.1%; Score 525; DB 3; Length 108;
Best Local Similarity 94.4%; Pred. No. 4.4e-42;
Matches 102; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 1 EIVLTQSPGTLSPGERATLSCRASQSVSSSYLAWYQQKPGAPRLIYATSSRATGIP 60
DB 1 EIVLTQSPGTLSPGERATLSCRASQSVSSSYLAWYQQKPGAPRLIYATSSRATGIP 60
QY 61 DRFGSGSGTDTLTISRLEPDAFVYCCQYGSSPCSFQGQTKLEIK 108
DB 61 DRFGSGSGTDTLTISRLEPDAFVYCCQYGSSPCSFQGQTKVEIK 108

RESULT 10
US-09-136-389-150
; Sequence 150, Application US/09136389
; Patent No. 6146850
; GENERAL INFORMATION:
; APPLICANT: Better, Marc D.
; APPLICANT: Carroll, Stephen F.
; APPLICANT: Studnika, Gary M.
; TITLE OF INVENTION: Immunotoxins Comprising Ribosome-Inactivating
; NUMBER OF SEQUENCES: 173
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McAndrews, Held & Malloy, Ltd.
; STREET: 500 West Madison Street, 34th floor
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60661
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/136,389
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION NUMBER: 08/646,360
; FILING DATE: 13-MAY-1996
; APPLICATION NUMBER: PCT/US94/05348
; FILING DATE: 12-MAY-1994
; PRIOR APPLICATION DATA:
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APPLICATION NUMBER: US 08/064,691
FILING DATE: 12-MAY-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/988,430
FILING DATE: 09-DEC-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/901,707
FILING DATE: 19-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/787,567
FILING DATE: 04-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: McNicholas, Janet M.
REGISTRATION NUMBER: 32,918
REFERENCE/DOCKET NUMBER: 200-70.P4
TELEPHONE: 312/707-8889
TELEFAX: 312/707-9155
TELEX: 650 388-1248
INFORMATION FOR SEQ ID NO: 150:
SEQUENCE CHARACTERISTICS:
LENGTH: 108 amino acids
TYPE: amino acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-136-389-150

Query Match 94.1%; Score 525; DB 3; Length 108;
Best Local Similarity 94.4%; Pred. No. 4.4e-42;
Matches 102; Conservative 2; Mismatches 4; Indels 0; Gaps 0;
QY 1 EIVLTQSPGTLISLSPGERATLSCRASQSVSSSYLAWYQQKPKQAPRLLIYATSSRATGIP 60
Db 1 EIVLTQSPGTLISLSPGERATLSCRASQSVSSSYLAWYQQKPKQAPRLLIYGHSSRATGIP 60
QY 61 DRFGSGSGTDFTLTISRLEPGDAFYVYQQYGGSPCFSGQGTKEIK 108
Db 61 DRFGSGSGTDFTLTISRLEPGDAFYVYQQYGGSPXPTFGQGTKEIK 108

RESULT 11
US-09-610-838-150
Sequence 150, Application US/09610838
Patent No. 6376217
GENERAL INFORMATION:
APPLICANT: Better, Marc D.
APPLICANT: Carroll, Stephen F.
APPLICANT: Studnika, Gary M.
TITLE OF INVENTION: Immunotoxins Comprising Ribosome-Inactivating
NUMBER OF SEQUENCES: 173
CORRESPONDENCE ADDRESSES:
ADDRESSEE: McAndrews, Held & Malloy, Ltd.
STREET: 500 West Madison Street, 34th floor
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60661
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/610,838
FILING DATE: 06-JUL-2000
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/136,389
FILING DATE: 18-AUG-1998
APPLICATION NUMBER: 08/646,360
FILING DATE: 13-MAY-1996

APPLICATION NUMBER: PCT/US94/05348
FILING DATE: 12-MAY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/064,691
FILING DATE: 12-MAY-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/988,430
FILING DATE: 09-DEC-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/901,707
FILING DATE: 19-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/787,567
FILING DATE: 04-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: McNicholas, Janet M.
REGISTRATION NUMBER: 32,918
REFERENCE/DOCKET NUMBER: 200-70.P4
TELEPHONE: 312/707-8889
TELEFAX: 312/707-9155
TELEX: 650 388-1248
INFORMATION FOR SEQ ID NO: 150:
SEQUENCE CHARACTERISTICS:
LENGTH: 108 amino acids
TYPE: amino acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-610-838-150

Query Match 94.1%; Score 525; DB 3; Length 108;
Best Local Similarity 94.4%; Pred. No. 4.4e-42;
Matches 102; Conservative 2; Mismatches 4; Indels 0; Gaps 0;
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Db 1 EIVLTQSPGTLISLSPGERATLSCRASQSVSSSYLAWYQQKPKQAPRLLIYGHSSRATGIP 60
QY 61 DRFGSGSGTDFTLTISRLEPGDAFYVYQQYGGSPCFSGQGTKEIK 108
Db 61 DRFGSGSGTDFTLTISRLEPGDAFYVYQQYGGSPXPTFGQGTKEIK 108

RESULT 12
US-09-711-485-150
Sequence 150, Application US/09711485
Patent No. 6649742
GENERAL INFORMATION:
APPLICANT: Better, Marc D.
APPLICANT: Carroll, Stephen F.
APPLICANT: Studnika, Gary M.
TITLE OF INVENTION: Immunotoxins Comprising Ribosome-Inactivating
NUMBER OF SEQUENCES: 169
CORRESPONDENCE ADDRESSES:
ADDRESSEE: McAndrews, Held & Malloy, Ltd.
STREET: 500 West Madison Street, 34th floor
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60661
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/711,485
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/839,765

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; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/064,691
; FILING DATE: 12-MAY-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/988,430
; FILING DATE: 09-DEC-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/901,707
; FILING DATE: 19-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/787,567
; FILING DATE: 04-NOV-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: McNicholas, Janet M.
; REGISTRATION NUMBER: 32,918
; REFERENCE/DOCKET NUMBER: 11022US09/200-70.P3.C3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/707-8889
; TELEFAX: 312/707-9155
; TELEEX: 650 388-1248
; INFORMATION FOR SEQ ID NO: 150:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 108 amino acids
; TYPE: amino acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-09-711-485-150

Query Match 94.1%; Score 525; DB 4; Length 108;
Best Local Similarity 94.4%; Pred. No. 4.4e-42;
Matches 102; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

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QY 61 DRFSGSGGTDTLTISRLEPEDFAVYCCQYQYSSPCSFQGTKEIK 108
Db 61 DRFSGSGGTDTLTISRLEPEDFAVYCCQYQYSSPCSFQGTKEIK 108

RESULT 13
US-09-456-090A-50
; Sequence 50, Application US/09456090A
; Patent No. 6680209
; GENERAL INFORMATION:
; APPLICANT: Buechler, Joe
; APPLICANT: Walkirs, Gunars
; APPLICANT: Gray, Jeff
; APPLICANT: Lonberg, Nils
; TITLE OF INVENTION: HUMAN ANTIBODIES AS DIAGNOSTIC REAGENTS
; FILE REFERENCE: 020015-000200US
; CURRENT APPLICATION NUMBER: US/09/456,090A
; CURRENT FILING DATE: 1999-12-06
; PRIOR APPLICATION NUMBER: US 60/157,415
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 50
; LENGTH: 226
; TYPE: PRI
; ORGANISM: Homo sapiens
; OTHER INFORMATION: M1-23L
US-09-456-090A-50

Query Match 94.0%; Score 524.5; DB 4; Length 226;
Best Local Similarity 95.4%; Pred. No. 1.1e-41;
Matches 104; Conservative 1; Mismatches 3; Indels 1; Gaps 1;

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QY 61 DRFSGSGGTDTLTISRLEPEDFAVYCCQYQYSSPCSFQGTKEIK 108
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US-09-453-234-50
; Sequence 50, Application US/09453234
; Patent No. 6794132
; GENERAL INFORMATION:
; APPLICANT: Buechler, Joe
; APPLICANT: Walkirs, Gunars
; APPLICANT: Gray, Jeff
; APPLICANT: Lonberg, Nils
; APPLICANT: Biosite Diagnostics, Inc.
; APPLICANT: GenPharm International
; TITLE OF INVENTION: Human Antibodies
; FILE REFERENCE: 020015-000110US
; CURRENT APPLICATION NUMBER: US/09/453,234
; CURRENT FILING DATE: 1999-12-01
; PRIOR APPLICATION NUMBER: US 60/157,415
; NUMBER OF SEQ ID NOS: 112
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 50
; LENGTH: 226
; TYPE: PRI
; ORGANISM: Homo sapiens
; OTHER INFORMATION: M1-23L
US-09-453-234-50

Query Match 94.0%; Score 524.5; DB 4; Length 226;
Best Local Similarity 95.4%; Pred. No. 1.1e-41;
Matches 104; Conservative 1; Mismatches 3; Indels 1; Gaps 1;

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QY 61 DRFSGSGGTDTLTISRLEPEDFAVYCCQYQYSSPCSFQGTKEIK 108
Db 61 DRFSGSGGTDTLTISRLEPEDFAVYCCQYQYSSPCSFQGTKEIK 109

RESULT 14
US-09-456-090A-86
; Sequence 86, Application US/09456090A
; Patent No. 6680209
; GENERAL INFORMATION:
; APPLICANT: Buechler, Joe
; APPLICANT: Walkirs, Gunars
; APPLICANT: Gray, Jeff
; APPLICANT: Lonberg, Nils
; TITLE OF INVENTION: HUMAN ANTIBODIES AS DIAGNOSTIC REAGENTS
; FILE REFERENCE: 020015-000200US
; CURRENT APPLICATION NUMBER: US/09/456,090A
; CURRENT FILING DATE: 1999-12-06
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 86
; LENGTH: 226
; TYPE: PRI
; ORGANISM: Homo sapiens
; OTHER INFORMATION: M2-33L
US-09-456-090A-86

Query Match 94.0%; Score 524.5; DB 4; Length 226;
Best Local Similarity 95.4%; Pred. No. 1.1e-41;
Matches 104; Conservative 1; Mismatches 3; Indels 1; Gaps 1;

QY 1 EIVLTQSPGTLISLSPGERATLSCRASQSVSSSYLAAYQKPGQAPRLLIYATSSRATGIP 60
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QY 61 DRFSGSGGTDTLTISRLEPEDFAVYCCQYQYSSPCSFQGTKEIK 108
Db 61 DRFSGSGGTDTLTISRLEPEDFAVYCCQYQYSSPCSFQGTKEIK 109

RESULT 15
US-09-453-234-50
; Sequence 50, Application US/09453234
; Patent No. 6794132
; GENERAL INFORMATION:
; APPLICANT: Buechler, Joe
; APPLICANT: Walkirs, Gunars
; APPLICANT: Gray, Jeff
; APPLICANT: Lonberg, Nils
; APPLICANT: Biosite Diagnostics, Inc.
; APPLICANT: GenPharm International
; TITLE OF INVENTION: Human Antibodies
; FILE REFERENCE: 020015-000110US
; CURRENT APPLICATION NUMBER: US/09/453,234
; CURRENT FILING DATE: 1999-12-01
; PRIOR APPLICATION NUMBER: US 60/157,415
; NUMBER OF SEQ ID NOS: 112
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 50
; LENGTH: 226
; TYPE: PRI
; ORGANISM: Homo sapiens
; OTHER INFORMATION: M1-23L
US-09-453-234-50

Query Match 94.0%; Score 524.5; DB 4; Length 226;
Best Local Similarity 95.4%; Pred. No. 1.1e-41;
Matches 104; Conservative 1; Mismatches 3; Indels 1; Gaps 1;

QY 1 EIVLTQSPGTLISLSPGERATLSCRASQSVSSSYLAAYQKPGQAPRLLIYATSSRATGIP 60
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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: September 29, 2005, 09:12:55 ; Search time 106.609 Seconds
(without alignments)
420.531 Million cell updates/sec

Title: US-10-041-860-49

Perfect score: 558

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3	558	100.0	108	14	US-10-041-860-259
4	558	100.0	108	14	US-10-041-860-375
5	558	100.0	108	16	US-10-665-383-4
6	535	95.9	108	17	US-10-891-658-84
7	535	95.9	108	17	US-10-891-658-131
8	535	95.9	128	17	US-10-910-901-18
9	533	95.5	108	15	US-10-309-762-156
10	533	95.5	130	16	US-10-693-629-46
11	532	95.3	108	15	US-10-307-724-123
12	532	95.3	108	16	US-10-737-290-123
13	532	95.3	109	17	US-10-725-962-27
14	532	95.3	120	17	US-10-506-743-2
15	532	95.3	130	16	US-10-737-290-161
16	532	95.3	215	15	US-10-307-724-122
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18	532	95.3	239	16	US-10-737-290-142
19	530	95.0	384	15	US-10-291-265-804
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22	530	95.0	384	15	US-10-291-265-807
23	529	94.8	108	15	US-10-269-711-21
24	529	94.8	108	16	US-10-684-109-21
25	528	94.6	108	9	US-09-948-939-9
26	528	94.6	108	20	US-11-040-846-9
27	526	94.3	108	15	US-10-338-366-4
28	526	94.3	109	15	US-10-371-942-112
29	526	94.3	109	17	US-10-726-332-210
30	526	94.3	109	17	US-10-938-353-114
31	526	94.3	235	17	US-10-938-353-60
32	525.5	94.2	131	16	US-10-478-056-27
33	525	94.1	106	15	US-10-309-762-163
34	525	94.1	108	14	US-10-127-890-150
35	525	94.1	108	17	US-10-717-243-150
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40	524	93.9	108	15	US-10-309-762-43
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45	522	93.5	108	20	US-11-040-846-7
46	522	93.5	109	15	US-10-371-942-64
47	522	93.5	109	17	US-10-725-962-28
48	522	93.5	235	17	US-10-938-353-32
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50	521	93.4	117	17	US-10-783-311-302
51	521	93.4	235	14	US-10-153-382-7
52	521	93.4	235	16	US-10-612-497-14
53	521	93.4	235	16	US-10-612-497-65
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55	521	93.4	235	16	US-10-776-649-65
56	520.5	93.3	109	15	US-10-251-085B-135
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58	520	93.2	108	14	US-10-269-805-32
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61	519	93.0	108	20	US-11-009-731-84
62	519	93.0	120	15	US-10-714-353-8
63	519	93.0	130	15	US-10-469-304-19
64	518.5	92.9	109	15	US-10-251-085B-133
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75	517	92.7	109	16	US-10-487-525-64
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79	516	92.5	120	16	US-10-714-353-12
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Query Match      100.0%; Score 558; DB 14; Length 108;
Best Local Similarity 100.0%; Pred. No. 4.5e-40;
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RESULT 2
US-10-041-860-225
; Sequence 225, Application US/10041860
; Publication No. US20030157109A1
; GENERAL INFORMATION:
; APPLICANT: Corvalan, Jose R.F.
; APPLICANT: Jia, Xiao-Chi
; APPLICANT: Feng, Xiao
; APPLICANT: Yang, Xiao-Dong
; APPLICANT: Chen, Francine
; APPLICANT: Gazit, Gadi
; APPLICANT: Weber, Richard
; APPLICANT: Bezabeh, Binyam
; TITLE OF INVENTION: ANTIBODIES DIRECTED TO PDGFD AND USES
; FILE REFERENCE: ABGENIX.051A
; CURRENT APPLICATION NUMBER: US/10/041,860
; CURRENT FILING DATE: 2002-01-07
; NUMBER OF SEQ ID NOS: 377
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 225
; LENGTH: 108
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-041-860-225

Query Match      100.0%; Score 558; DB 14; Length 108;
Best Local Similarity 100.0%; Pred. No. 4.5e-40;
Matches 108; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 61 DRFSGSGGTDTFTLTISRLEPEDFAVYYCQYGGSSPCSFQGTKEIK 108
Db 61 DRFSGSGGTDTFTLTISRLEPEDFAVYYCQYGGSSPCSFQGTKEIK 108

RESULT 3
US-10-041-860-259
; Sequence 259, Application US/10041860
; Publication No. US20030157109A1
; GENERAL INFORMATION:
; APPLICANT: Corvalan, Jose R.F.
; APPLICANT: Jia, Xiao-Chi
; APPLICANT: Feng, Xiao
; APPLICANT: Yang, Xiao-Dong
; APPLICANT: Chen, Francine
; APPLICANT: Gazit, Gadi
; APPLICANT: Weber, Richard
; APPLICANT: Bezabeh, Binyam
; TITLE OF INVENTION: ANTIBODIES DIRECTED TO PDGFD AND USES
; FILE REFERENCE: ABGENIX.051A
; CURRENT APPLICATION NUMBER: US/10/041,860
; CURRENT FILING DATE: 2002-01-07
; NUMBER OF SEQ ID NOS: 377
; SOFTWARE: FastSeq for Windows Version 4.0
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; TYPE: PRT
; ORGANISM: homo sapiens
US-10-041-860-259

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Best Local Similarity 100.0%; Pred. No. 4.5e-40;
Matches 108; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 61 DRFSGSGGTDTFTLTISRLEPEDFAVYYCQYGGSSPCSFQGTKEIK 108
Db 61 DRFSGSGGTDTFTLTISRLEPEDFAVYYCQYGGSSPCSFQGTKEIK 108

RESULT 4
US-10-041-860-375
; Sequence 375, Application US/10041860
; Publication No. US20030157109A1
; GENERAL INFORMATION:
; APPLICANT: Corvalan, Jose R.F.
; APPLICANT: Jia, Xiao-Chi
; APPLICANT: Feng, Xiao
; APPLICANT: Yang, Xiao-Dong
; APPLICANT: Chen, Francine
; APPLICANT: Gazit, Gadi
; APPLICANT: Weber, Richard
; APPLICANT: Bezabeh, Binyam
; TITLE OF INVENTION: ANTIBODIES DIRECTED TO PDGFD AND USES
; FILE REFERENCE: ABGENIX.051A
; CURRENT APPLICATION NUMBER: US/10/041,860
; CURRENT FILING DATE: 2002-01-07
; NUMBER OF SEQ ID NOS: 377
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 375
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; TYPE: PRT
; ORGANISM: homo sapiens
US-10-041-860-375

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Best Local Similarity 100.0%; Pred. No. 4.5e-40;
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QY 61 DRFSGSGGTDTFTLTISRLEPEDFAVYYCQYGGSSPCSFQGTKEIK 108
Db 61 DRFSGSGGTDTFTLTISRLEPEDFAVYYCQYGGSSPCSFQGTKEIK 108

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US-10-665-383-4
; Sequence 4, Application US/10665383
; Publication No. US20040141969A1
; GENERAL INFORMATION:
; APPLICANT: Floege, Juergen
; APPLICANT: Gazit, Gadi
; APPLICANT: Keyt, Bruce
; APPLICANT: LaRoche, William
; APPLICANT: Lichenstein, Henri
; TITLE OF INVENTION: METHOD FOR THE TREATMENT OF NEPHRITIS
; FILE REFERENCE: ABGENIX.052A
; CURRENT APPLICATION NUMBER: US/10/665,383
; CURRENT FILING DATE: 2003-09-16
```

```
; PRIOR APPLICATION NUMBER: 60/411,137
; PRIOR FILING DATE: 2002-09-16
; NUMBER OF SEQ ID NOS: 97
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 108
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-665-383-4

Query Match      100.0%; Score 558; DB 16; Length 108;
Best Local Similarity 100.0%; Pred. No. 4.5e-40;
Matches 108; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAAYQKPGQAPRLIYATSSRATGIP 60
   |||||
Db 1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAAYQKPGQAPRLIYATSSRATGIP 60
   |||||

QY 61 DRFSGSGGTDFLTISRLEPEDFAVYYCQYGGSPGCGTKLEIK 108
   |||||
Db 61 DRFSGSGGTDFLTISRLEPEDFAVYYCQYGGSPGCGTKLEIK 108
   |||||

RESULT 6
US-10-891-658-84
; Sequence 84, Application US/10891658
; Publication No. US20050074821A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth, Wild
; APPLICANT: Treanor, James
; APPLICANT: Huang, Haichun
; APPLICANT: Inoue, Heather
; APPLICANT: Zhang, Tie J.
; APPLICANT: Martin, Frank
; TITLE OF INVENTION: Human anti-NGF Neutralizing Antibodies as Selective NGF Pathway
; TITLE OF INVENTION: Inhibitors
; FILE REFERENCE: 02-1240
; CURRENT APPLICATION NUMBER: US/10/891,658
; CURRENT FILING DATE: 2004-07-15
; PRIOR APPLICATION NUMBER: US 60/487,431
; PRIOR FILING DATE: 2003-07-15
; NUMBER OF SEQ ID NOS: 138
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 84
; LENGTH: 108
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-891-658-84

Query Match      95.9%; Score 535; DB 17; Length 108;
Best Local Similarity 96.3%; Pred. No. 4.1e-38;
Matches 104; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAAYQKPGQAPRLIYATSSRATGIP 60
   |||||
Db 1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAAYQKPGQAPRLIYATSSRATGIP 60
   |||||

QY 61 DRFSGSGGTDFLTISRLEPEDFAVYYCQYGGSPGCGTKLEIK 108
   |||||
Db 61 DRFSGSGGTDFLTISRLEPEDFAVYYCQYGGSPGCGTKLEIK 108
   |||||

RESULT 7
US-10-891-658-131
; Sequence 131, Application US/10891658
; Publication No. US20050074821A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth, Wild
; APPLICANT: Treanor, James
; APPLICANT: Huang, Haichun
; APPLICANT: Inoue, Heather
; APPLICANT: Zhang, Tie J.
; APPLICANT: Martin, Frank
; TITLE OF INVENTION: Human anti-NGF Neutralizing Antibodies as Selective NGF Pathway
; TITLE OF INVENTION: Inhibitors
; FILE REFERENCE: 02-1240
; CURRENT APPLICATION NUMBER: US/10/891,658
; CURRENT FILING DATE: 2004-07-15
; PRIOR APPLICATION NUMBER: US 60/487,431
; PRIOR FILING DATE: 2003-07-15
; NUMBER OF SEQ ID NOS: 138
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 84
; LENGTH: 108
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-891-658-131

Query Match      95.9%; Score 535; DB 17; Length 108;
Best Local Similarity 96.3%; Pred. No. 4.1e-38;
Matches 104; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAAYQKPGQAPRLIYATSSRATGIP 60
   |||||
Db 1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAAYQKPGQAPRLIYATSSRATGIP 60
   |||||

QY 61 DRFSGSGGTDFLTISRLEPEDFAVYYCQYGGSPGCGTKLEIK 108
   |||||
Db 61 DRFSGSGGTDFLTISRLEPEDFAVYYCQYGGSPGCGTKLEIK 108
   |||||

RESULT 8
US-10-910-901-18
; Sequence 18, Application US/10910901
; Publication No. US20050054019A1
; GENERAL INFORMATION:
; APPLICANT: MICHAUD, NEIL R., et al.
; TITLE OF INVENTION: ANTIBODIES TO c-MET
; FILE REFERENCE: ABX-PF5
; CURRENT APPLICATION NUMBER: US/10/910,901
; CURRENT FILING DATE: 2004-08-03
; PRIOR APPLICATION NUMBER: US 60/492,432
; PRIOR FILING DATE: 2003-08-04
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 18
; LENGTH: 128
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-910-901-18

Query Match      95.9%; Score 535; DB 17; Length 128;
Best Local Similarity 96.3%; Pred. No. 4.8e-38;
Matches 104; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAAYQKPGQAPRLIYATSSRATGIP 60
   |||||
Db 21 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAAYQKPGQAPRLIYATSSRATGIP 80
   |||||

QY 61 DRFSGSGGTDFLTISRLEPEDFAVYYCQYGGSPGCGTKLEIK 108
   |||||
Db 81 DRFSGSGGTDFLTISRLEPEDFAVYYCQYGGSPGCGTKLEIK 128
   |||||

RESULT 9
US-10-309-762-156
; Sequence 156, Application US/10309762
; Publication No. US20040018198A1
; GENERAL INFORMATION:
; APPLICANT: Gudas, Jean
; APPLICANT: Foltz, Ian
; APPLICANT: Handa, Masahisa
; APPLICANT: Gallo, Michael
; TITLE OF INVENTION: ANTIBODIES AGAINST CARBOXYC ANHYDRASE IX
; TITLE OF INVENTION: (CA IX) TUMOR ANTIGEN
; FILE REFERENCE: ABGENIX.027A
```



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; CURRENT APPLICATION NUMBER: US/10/309,762
; CURRENT FILING DATE: 2002-12-02
; PRIOR APPLICATION NUMBER: 60/337275
; PRIOR FILING DATE: 2001-12-03
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 156
; LENGTH: 108
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-309-762-156

Query Match          95.5%; Score 533; DB 15; Length 108;
Best Local Similarity 95.4%; Pred. No. 6e-38;
Matches 103; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1 EIVLTQSPGTLSPGERATLSCRASQSVSSVLAQYQKPGQAPRLLIYATSSRATGIP 60
Db 1 EIVLTQSPGTLSPGERATLSCRASQSVSSVLAQYQKPGQAPRLLIYATSSRATGIP 60

QY 61 DRFSGSGGTDTFTLTISRLEPEDFAVYQCQYSSPCSFQGTQKLEIK 108
Db 61 DRFSGSGGTDTFTLTISRLEPEDFAVYQCQYSSPCSFQGTQKLEIK 108

RESULT 10
US-10-693-629-46
; Sequence 46, Application US/10693629
; Publication No. US20040120948A1
; GENERAL INFORMATION:
; APPLICANT: KIRIN BEER KABUSHIKI KAISHA
; APPLICANT: MIKAYAMA, Toshifumi
; APPLICANT: YOSHIDA, Hitoshi
; APPLICANT: FORCE, Walker, R.
; APPLICANT: CHEN, Kingjie
; APPLICANT: TAKAHASHI, Nobuaki
; TITLE OF INVENTION: ANTI CD40 MONOCLONAL ANTIBODY
; FILE REFERENCE: 021286-0306473
; CURRENT APPLICATION NUMBER: US/10/693,629
; CURRENT FILING DATE: 2003-11-13
; PRIOR APPLICATION NUMBER: PCT/US01/13672
; PRIOR FILING DATE: 2001-04-27
; PRIOR APPLICATION NUMBER: US09/844,684
; PRIOR FILING DATE: 2001-04-27
; PRIOR APPLICATION NUMBER: JP2001/142482
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: JP2001/310535
; PRIOR FILING DATE: 2001-10-05
; PRIOR APPLICATION NUMBER: US10/040,244
; PRIOR FILING DATE: 2001-10-26
; NUMBER OF SEQ ID NOS: 66
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 46
; LENGTH: 130
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-693-629-46

Query Match          95.5%; Score 533; DB 16; Length 130;
Best Local Similarity 95.4%; Pred. No. 7.2e-38;
Matches 103; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1 EIVLTQSPGTLSPGERATLSCRASQSVSSVLAQYQKPGQAPRLLIYATSSRATGIP 60
Db 21 EIVLTQSPGTLSPGERATLSCRASQSVSSVLAQYQKPGQAPRLLIYATSSRATGIP 80

QY 61 DRFSGSGGTDTFTLTISRLEPEDFAVYQCQYSSPCSFQGTQKLEIK 108
Db 81 DRFSGSGGTDTFTLTISRLEPEDFAVYQCQYSSPCSFQGTQKLEIK 128

RESULT 11
US-10-307-724-123
```

```

; Sequence 123, Application US/10307724
; Publication No. US20030232972A1
; GENERAL INFORMATION:
; APPLICANT: Bowdish, Katherine S.
; APPLICANT: Frederickson, Shana
; APPLICANT: Renshaw, Mark
; TITLE OF INVENTION: RATIONALLY DESIGNED ANTIBODIES
; FILE REFERENCE: 1087-2 CIP I11
; CURRENT APPLICATION NUMBER: US/10/307,724
; CURRENT FILING DATE: 2002-12-02
; PRIOR APPLICATION NUMBER: US 60/251,448
; PRIOR FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: US 60/288,889
; PRIOR FILING DATE: 2001-05-04
; PRIOR APPLICATION NUMBER: US 60/294,068
; PRIOR FILING DATE: 2001-05-29
; PRIOR APPLICATION NUMBER: US 10/006,593
; PRIOR FILING DATE: 2001-12-05
; NUMBER OF SEQ ID NOS: 134
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 123
; LENGTH: 108
; TYPE: PRT
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: antibody light chain variable region
US-10-307-724-123

Query Match          95.3%; Score 532; DB 15; Length 108;
Best Local Similarity 95.4%; Pred. No. 7.3e-38;
Matches 103; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1 EIVLTQSPGTLSPGERATLSCRASQSVSSVLAQYQKPGQAPRLLIYATSSRATGIP 60
Db 1 EIVLTQSPGTLSPGERATLSCRASQSVSSVLAQYQKPGQAPRLLIYATSSRATGIP 60

QY 61 DRFSGSGGTDTFTLTISRLEPEDFAVYQCQYSSPCSFQGTQKLEIK 108
Db 61 DRFSGSGGTDTFTLTISRLEPEDFAVYQCQYSSPCSFQGTQKLEIK 108

RESULT 12
US-10-737-290-123
; Sequence 123, Application US/10737290
; Publication No. US20040253242A1
; GENERAL INFORMATION:
; APPLICANT: Bowdish, Katherine S.
; APPLICANT: Frederickson, Shana
; APPLICANT: Renshaw, Mark
; APPLICANT: Orenicia, Cecilia
; TITLE OF INVENTION: RATIONALLY DESIGNED ANTIBODIES
; FILE REFERENCE: 1087-2 CIP I11
; CURRENT APPLICATION NUMBER: US/10/737,290
; CURRENT FILING DATE: 2003-12-15
; PRIOR APPLICATION NUMBER: US 10/452,590
; PRIOR FILING DATE: 2003-06-02
; PRIOR APPLICATION NUMBER: US 10/307,724
; PRIOR FILING DATE: 2002-12-02
; PRIOR APPLICATION NUMBER: US 10/006,593
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/251,448
; PRIOR FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: US 60/288,889
; PRIOR FILING DATE: 2001-05-04
; PRIOR APPLICATION NUMBER: US 60/294,068
; PRIOR FILING DATE: 2001-05-29
; NUMBER OF SEQ ID NOS: 193
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 123
; LENGTH: 108
; TYPE: PRT
; ORGANISM: artificial sequence
; FEATURE:
```

; OTHER INFORMATION: antibody light chain variable region
US-10-737-290-123

	Query Match	95.3%	Score 532:	DB 16:	Length 108:
	Best Local Similarity	95.4%:	Pred. No. 7.3e-36:		
	Matches 103:	Conservative 2:	Mismatches 3:	Indels 0:	Gaps 0:
QY	1	EIVLTQPGTSLSPGGERATLSCRASQSVSSSYLAWYQOKPGQAPRLLIYATSSRATGIP	60		
Db	1	EIVLTQPGTSLSPGGERATLSCRASQSVSSSYLAWYQOKPGQAPRLLIYGASSRATGIP	60		
QY	61	DRFSGSGGTDFTLTI SRLPEDPFVYVCOQYGGSSPCSFQGTGKLEIK	108		
Db	61	DRFSGSGGTDFTLTI SRLPEDPFVYVCOQYGGSSPWTFGQGTKEIK	108		

```

RESULT 13
US-10-725-962-27
; Sequence 27, Application US/10725962
; Publication NO. US20050013809A1
; GENERAL INFORMATION:
; APPLICANT: Samuel M. Owens
; APPLICANT: Frank I. Carroll
; APPLICANT: Philip Abraham
; APPLICANT: Melinda G. Gunnell
; APPLICANT: Mary Haak-Frendscho
; APPLICANT: Xiao Peng
; TITLE OF INVENTION: ANTIBODIES AGAINST DRUGS OF ABUSE
; FILE REFERENCE: AGENIX.071A
; CURRENT APPLICATION NUMBER: US/10725,962
; CURRENT FILING DATE: 2003-12-02
; PRIOR APPLICATION NUMBER: 60/430717
; PRIOR FILING DATE: 2002-12-02
; NUMBER OF SEQ ID NOS: 141
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 27
; LENGTH: 109
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-725-962-27

```

Query Match	95.3%	Score 532;	DB 17;	Length 109;
Best Local Similarity	95.4%;	Pred.No.7.4e-30;		
Matches 103;	Conservative 2;	Mismatches 3;	Indels 0;	Gaps 0;
Qy	1	EIVLTSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGAPRLIIYVATSSRATGIP	60	
Db	1	EIVLTSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGAPRLIIYGASSRATGIP	60	
Qy	61	DRFSGSGGTDTLTITIRLEPEDFAVYVCOQYGGSPSCFGGCTKLEIK	108	
Db	61	DRFSGSGGTDTLTITIRLEPEDFAVYVCOQYGGSPWTFGGCTKVEIK	108	

```

RESULT 14
US-10-506-743-2
; Sequence 2, Application US/10506743
; Publication No. US20050106140A1
; GENERAL INFORMATION:
; APPLICANT: Lancaster, Joanne Sloan
; TITLE OF INVENTION: Antagonistic Anti-hFas Ligand Human Antibodies and Fragments
; TITLE OF INVENTION: Thereof
; FILE REFERENCE: X15450 - National Stage
; CURRENT APPLICATION NUMBER: US/10/506,743
; CURRENT FILING DATE: 2004-09-03
; PRIOR APPLICATION NUMBER: 60/367,054
; PRIOR FILING DATE: 2002-03-21
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2
; LENGTH: 120
; TYPE: PRT
; ORGANISM: Homo sapiens

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US-10-506-743-2

	Query Match	95.3%	Score 532	DB 17	Length 120
	Best Local Similarity	95.4%	Pred No. 8.1e-38		
	Matches 103	Conservative	2	Mismatches 3	Indels 0
	Gaps				
Qy	1	EIVLTQSPGTHLSPGERATLSCRASQSVSSSYLAWYQKPGQAPRLIIIVATSSRATGIP	60		
Db	1	EIVLTQSPGTHLSPGERATLSCRASQSVSSSYLAWYQKPGQAPRLIIIVATSSRATGIP	60		
Qy	61	DRFSGSGSGDFLTISRLEPEFAFYVYCOQYGSSSPCSFCQGKLEIK	108		
Db	61	DRFSGSGSGDFLTISRLEPEFAFYVYCOQYGSSSPMTFGQIKVEIK	108		

```

RESULT 15
US-10-737-290-161
; Sequence 161, Application US/10737290
; Publication No. US20040253242A1
; GENERAL INFORMATION:
; APPLICANT: Bowdiah, Katherine S.
; APPLICANT: Frederickson, Shana
; APPLICANT: Renshaw, Mark
; APPLICANT: Oreglia, Cecilia
; TITLE OF INVENTION: RATIONALLY DESIGNED ANTIBODIES
; FILE REFERENCE: 1087-2 CIP III
; CURRENT APPLICATION NUMBER: US/10/737,290
; CURRENT FILING DATE: 2003-12-15
; PRIOR APPLICATION NUMBER: US 10/452,590
; PRIOR FILING DATE: 2003-06-02
; PRIOR APPLICATION NUMBER: US 10/307,724
; PRIOR FILING DATE: 2002-12-02
; PRIOR APPLICATION NUMBER: US 10/006,593
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/251,448
; PRIOR FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: US 60/288,889
; PRIOR FILING DATE: 2001-05-04
; PRIOR APPLICATION NUMBER: US 60/294,068
; PRIOR FILING DATE: 2001-05-29
; NUMBER OF SEQ ID NOS: 193
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 161
; LENGTH: 130
; TYPE: PRT
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: recombinant Ab Vk
US-10-737-290-161

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Query March	95.3%	Score 532	DB 16	Length 130
Best Local Similarity	95.4%	Pred. No. 8.7e-36		
Matches 103	Conservative 2	Mismatches 3	Indels 0	Gaps 0
Qy 1	EVLTQSPGTLSPGGERATLSCRASQSVSSSYLAWYQOKPGQAPRLLIYATTSRATGIP	60		
D5 23	EVLTQSPGTLSPGGERATLSCRASQSVSSSYLAWYQOKPGQAPRLLIYGASSRATGIP	82		
Qy 61	DRFSGSGGDTFTLTISRLPEDPAVYVCOQYGSPPCSFGQTKLEIK	108		
D5 A3	DRFSGSGGDTFTLTISRLPEDPAVYVCOQYGSPPWTFGQTKVEIK	130		

Search completed: September 29, 2005, 09:45:20
Job time : 107.609 secs